



CITY OF NEWBURYPORT.

THE

ANNUAL REPORTS

TO

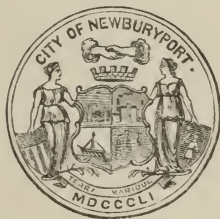
THE CITY COUNCIL

FOR THE

Financial Year Ending December 21, 1889.

TOGETHER WITH THE

MAYOR'S ADDRESS AT THE ORGANIZATION OF THE CITY
GOVERNMENT, JANUARY 6, 1890.



NEWBURYPORT:

PRINTED BY THE ECONOMY PRINTING CO., PRINCE PLACE.

1890.

PUBLISHED BY ORDER OF THE PRINTING COMMITTEE
OF THE CITY OF NEWBURYPORT.

OFFICE HOURS.

MAYOR: From 11 a. m. to 12 m., Mondays, Tuesdays, Thursdays and Fridays.

CITY CLERK: From 9 a. m. to 12 m.; 2 to 4 p. m. Saturdays, 9 a. m. to 12 m.

CITY TREASURER AND COLLECTOR: From 9 a. m. to 12 m.; 2 to 4 p. m. Saturdays, 9 a. m. to 1 p. m. First Thursday evening after the first Monday, 7 to 9.

CLERK OF OVERSEERS OF POOR: From 9 a. m. to 12 m.; 2 to 4 p. m. Saturdays, 9 a. m. to 12 m.

SUPERINTENDENT OF SCHOOLS: From 4 to 5 p. m. Mondays, Tuesdays, Thursdays and Fridays: from 9 to 10 a. m. Wednesdays and Saturdays.

PAY DAYS.

CITY TREASURER'S OFFICE, CITY HALL,)
January, 1890. }

Regular weekly pay day, Monday. Monthly pay day, first Thursday after first Monday of each month. Military aid is payable the first day of each month.

Please call on the regular pay day for your money.

JAMES V. FELKER, City Treasurer.

CLAIMS AGAINST THE CITY.

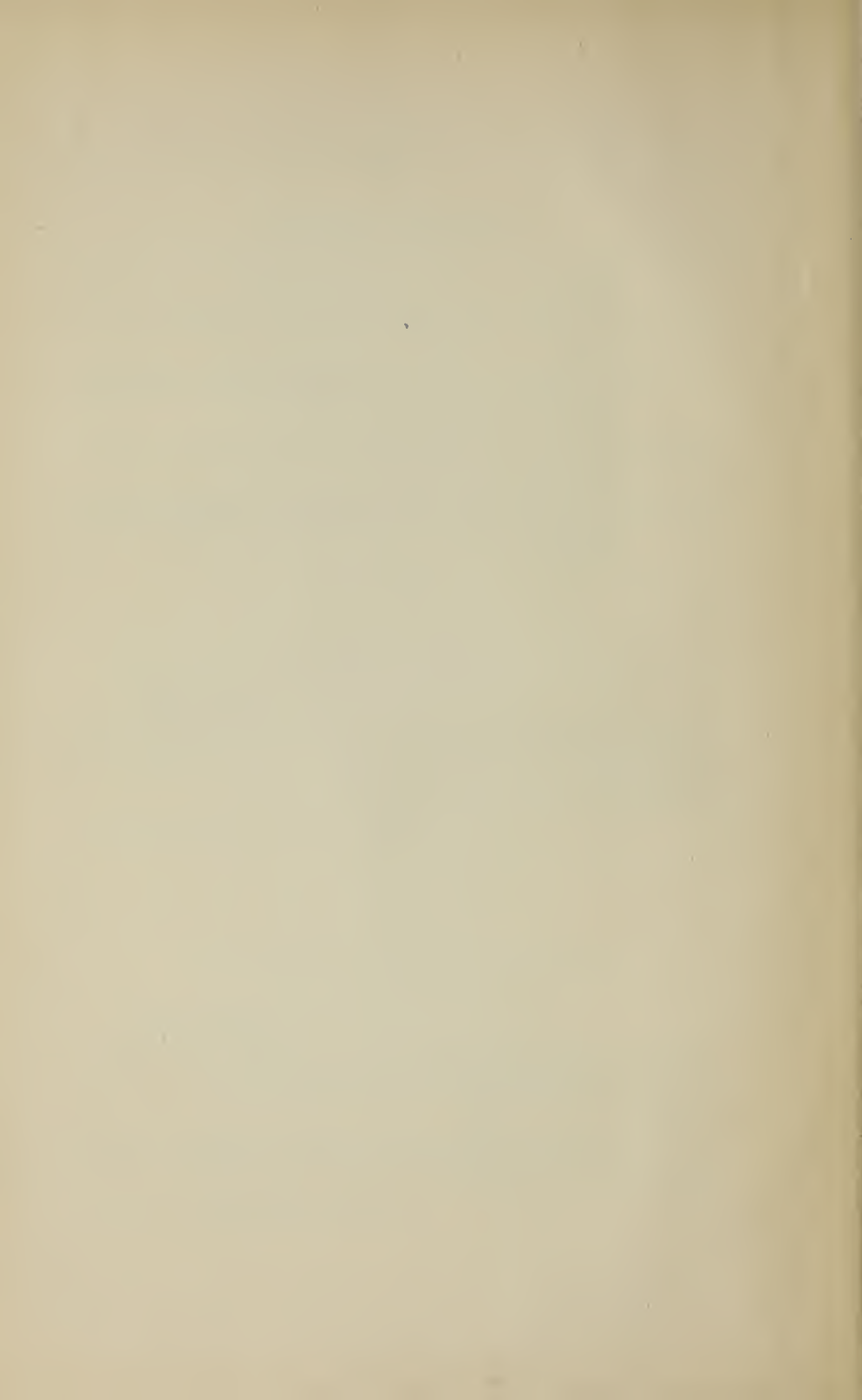
CITY CLERK'S OFFICE, CITY HALL,)
January, 1890. }

Persons having bills against the City are requested to present them at this office on or before the last Monday of each month.

Charges against the different departments must be made out on separate bills.

Be careful and note who ordered the article or articles; and, if for labor, where it was performed, and under whose direction, with the proper dates.

GEORGE H. STEVENS, City Clerk.



CITY GOVERNMENT AND OFFICERS, 1890.

MAYOR.

ELISHA P. DODGE.

Residence, 71 High Street ; office. City Hall.

BOARD OF ALDERMEN.

	<i>Ward One,</i>	
JOHN J. PUTNAM	- -	29 Hancock Street.
	<i>Ward Two.</i>	
W. HERBERT NOYES	- -	70 Lime Street.
	<i>Ward Three.</i>	
HENRY C. PLUMMER	- -	3 Orange Street.
	<i>Ward Four.</i>	
C. H. DEROCHEMONT	- -	42 Washington Street.
	<i>Ward Five.</i>	
GEORGE E. ROSS	- -	22 Congress Street.
	<i>Ward Six.</i>	
ISRAEL A. MORSE	- -	10 Tyng Street.

Clerk of Board of Alderman.

GEORGE H. STEVENS.

COMMON COUNCIL.

ORRIN J. GURNEY, President.

Ward One.

HENRY R. WEITZEL	-	-	23 1-2 Purchase Street.
JOHN W. ALLEN	-	-	31 High Street.
BENJAMIN F. HATHAWAY	-	-	50 Purchase Street.

Ward Two.

DANIEL E. TILTON	-	-	46 Federal Street.
CHARLES W. PAGE	-	-	Horton Street.
OLIVER O. JONES	-	-	49 Prospect Street.

Ward Three.

EDWARD A. HALE	-	-	11 1-2 Spring Street.
JOHN W. SARGENT	-	-	Brown Street.
GEORGE E. STICKNEY	-	-	5 Fair Street.

Ward Four.

CHARLES C. STOCKMAN	-	-	10 Titcomb Street.
GEORGE F. AVERY	-	-	14 Titcomb Street.
ALFRED PEARSON	-	-	11 Federal Street.

Ward Five.

ORRIN J. GURNEY	-	-	65 Washington Street.
SIMON E. WILSON	-	-	23 Dove Street.
EDWARD DONAHOE, JR.	-	-	24 Johnson Street.

Ward Six.

JOSEPH NOYES	-	-	7 Tyng Street.
WILLIS G. MERRILL	-	-	322 High Street.
ALVAH HOYT	-	-	26 Oakland Street.

Clerk of Council.

THOMAS E. CUTTER.

JOINT STANDING COMMITTEES FOR 1890.

FINANCE: Mayor, ex officio; Alderman deRochemont; Councilmen Pearson, Hathaway, Hale and Jones.

ACCOUNTS: Aldermen Plummer and Noyes; Councilmen Avery, Page and Stickney.

PUBLIC PROPERTY: Aldermen Noyes and deRochemont; Councilmen Wilson, Sargent and Weitzel.

ALMSHOUSE AND POOR: Aldermen Morse and Putnam; Councilmen Stockman, Jones, Merrill and Allen.

FIRE DEPARTMENT: Aldermen Ross, Plummer and Morse; Councilmen Pearson, Noyes, Hathaway and Stickney.

BRIDGES AND CULVERTS: Aldermen Ross and Morse; Councilmen Avery, Merrill and Jones.

SAWYER FUND: Aldermen Putnam and Plummer; Councilmen Weitzel and Donahoe.

BROWN FUND: Alderman deRochemont; Councilmen Page and Merrill.

ATWOOD AND DEXTER FUND: Mayor Dodge; President Gurney and Treasurer Felker.

PUBLIC INSTRUCTION: Mayor, ex officio; Aldermen Plummer and Noyes; Councilmen, the President, ex officio, Weitzel, Tilton, Hale, Pearson.

CLAIMS: Aldermen Noyes and Putnam; Councilmen Sargent, Wilson and Hoyt.

ORDINANCES: Mayor, ex officio; Councilmen Stockman and Avery.

HIGHWAYS: Mayor, ex officio; the Board of Aldermen, and Councilmen Hathaway, Tilton, Hale, Stockman, Wilson and Hoyt.

FUEL: Aldermen Morse and Ross; Councilmen Wilson, Noyes and Stockman.

LIGHTING STREETS AND PUBLIC BUILDINGS: Aldermen Noyes and Plummer; Councilmen Pearson, Noyes and Allen.

PRINTING: Alderman deRochemont; Councilmen Page and Stockman.

JOINT SPECIAL COMMITTEES.

WATER SUPPLY: Aldermen Ross and Putnam; Councilmen Weitzel, Merrill and Page.

SEWERAGE: Aldermen Morse and Noyes; Councilmen Sargent, Noyes and Hathaway.

SALARIES: Aldermen Putnam and Noyes; Councilmen Sargent, Jones and Stockman.

MAYOR'S ADDRESS: Aldermen Plummer and deRochemont :
Councilmen Page, Hale, Pearson.

STANDING COMMITTEES OF BOARD OF ALDERMEN.

POLICE: Mayor, ex officio; Aldermen deRochemont and Noyes.

ELECTIONS: Aldermen Morse and Plummer.

BROMFIELD FUND: Aldermen Ross, Putnam and Morse.

PUTNAM AND ATKINSON FUNDS: Aldermen Putnam, Ross and Noyes.

LICENSES: Aldermen Noyes, Putnam and Ross.

ENROLLED BILLS: Aldermen Ross, Plummer and Morse.

FROTHINGHAM FUND: Aldermen Putnam, Morse and Plummer.

GREEN FUND: Aldermen Plummer, Ross and Putnam.

TOPPAN FUND: Aldermen Morse, deRochemont and Ross.

ABRAHAM WILLIAMS FUND: Aldermen Plummer and deRochemont.

STANDING COMMITTEES OF COMMON COUNCIL.

ELECTIONS AND RETURNS: Councilmen Weitzel and Hoyt.

ENROLLED BILLS: Councilmen Page, Avery and Hale.

BILLS OF SECOND READING: Councilmen Donahoe and Tilton.

SCHOOL COMMITTEE.

ELISHA P. DODGE (Mayor), Chairman, ex officio.

NATHAN N. WITHINGTON, Vice-Chairman. - 206 High Street.

WILLIAM P. LUNT, Secretary and Agent. - Office at City Hall.

Ward One.

STEPHEN PEABODY - 51 Marlboro Street.

CHARLES H. BLISS - 10 Allen Street.

Ward Two.

GEORGE H. PLUMER - 67 Federal Street.

PRENTIS H. REED - 8 Atwood Street.

Ward Three.

RUDOLPH JACOBY	-	-	79 State Street.
WILLIAM F. HOUSTON	-	-	2 Harris Street.

Ward Four.

JOSEPH B. LITTLE	-	-	22 Boardman Street.
MISS H. E. LUNT	-	-	10 Auburn Street.

Ward Five.

N. N. WITHINGTON	-	-	206 High Street.
JAMES H. VAN BUREN	-	-	220 High Street.

Ward Six.

PAUL A. MERRILL	-	-	24 Tyng Street.
JAMES PARTON	-	-	256 High Street.

BOARD OF HEALTH.

ERNEST H. NOYES, M. D., Chairman,	12 Essex Street.
JOHN F. YOUNG, M. D.	- - 3 Fruit Street.
CHARLES W. DAVENPORT	- - 6 Fruit Street.

Agent of Board.

D. CLARK BATCHELDER	- - 51 Fair Street.
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Clerk of Board.

CHARLES W. DAVENPORT.

ASSESSORS.

Term three years.

ANDREW J. HAYNES (elected 1889)	Chairman, 152 High Street.
JOSEPH L. JOHNSON (elected 1888)	Secretary, 27 Washington Street.
GEORGE J. L. COLBY (elected 1890)	- Central Place.

OVERSEERS OF POOR.

Term one year.

LEONARD W. SARGENT, Chairman,	- 280 High Street.
JOHN C. STEVENS	- - - 2 Madison Street.
LAWRENCE W. BROWN	- - - 20 Fruit Street.

Clerk of Overseers of Poor.

WILLIAM H. BAYLEY. Office. City Hall.

BOARD OF REGISTRARS.

GEORGE H. STEVENS, City Clerk,	-	-	37 Kent Street.
Term three years.			
NATHANIEL GREELY (appointed 1889), Chairman.			37 Marlboro St.
ARTHUR L. HUSE (appointed 1888)	-		37 Federal St.
BENJAMIN G. DAVIS (appointed 1887)	-		46 Liberty St.

SINKING FUND COMMISSIONERS.

MAYOR, ex officio.

PRESIDENT OF THE COMMON COUNCIL, ex officio.

CITY AUDITOR, ex officio.

EBEN SUMNER, CHARLES C. DAME.
JAMES V. FELKER, Treasurer and Clerk.

COMMISSIONERS OF SIMPSON FUND.

ELISHA P. DODGE (Mayor), ex officio.

ORRIN J. GURNEY (President), ex officio.

THOMAS C. SIMPSON, CHARLES C. DAME,
ELIPHALET GRIFFIN.

TREASURER AND COLLECTOR OF TAXES.

JAMES V. FELKER. Office, City Hall.

CITY CLERK.

GEORGE H. STEVENS. Office, City Hall.

CITY SOLICITOR.

NATHANIEL N. JONES. Office, Griffin Block, Pleasant Street.

CITY AUDITOR.

WILLIAM H. WELCH. First National Bank.

CITY MESSENGER.

WILLIAM H. JOHNSON. Office, City Hall.

SUPERINTENDENT OF HIGHWAYS.

CHARLES M. PRITCHARD. 17 Atwood Street.

CITY PHYSICIAN.

ERNEST H. NOYES. 12 Essex Street.

CHIEF ENGINEER OF FIRE DEPARTMENT.

EBEN S. DOLE. Oakland Street.

SUPERINTENDENT OF FIRE ALARM TELEGRAPH.

WILLIS H. YOUNG. 14 Strong Street.

SUPERINTENDENT OF SCHOOLS.

WILLIAM P. LUNT. Office, City Hall.

LIBRARIAN PUBLIC LIBRARY.

JOHN D. PARSONS. Public Library.

SUPERINTENDENT PUBLIC READING ROOM.

MARTHA P. LUNT.

NEWBURYPORT POLICE FORCE.

City Marshal.

A. WARREN EMERSON. Office, Central Police Station.

Assistant Marshal.

EDWARD E. TAYLOR.

Captain of the Watch.

SAMUEL W. TUCK.

Day Officers.

Robert C. Bragg.

Lemuel Hicken.

Night Patrolmen.

Patrick Creeden,

George J. Ross,

William H. Pike,

James W. Merritt.

Joseph H. Post.

Albert D. Hale.

Seth Young.

Constables.

A. Warren Emerson.

Samuel W. Tuck,

Edward E. Taylor,

Joseph M. Tappan.

William H. Johnson.

SEALER OF WEIGHTS AND MEASURES.

James W. Gunnison.

MEASURERS OF GRAIN.

Moses H. Rolfe.

Joseph Knight.

Charles B. Knight.

INSPECTOR OF MILK AND VINEGAR.

James W. Gunnison.

GAUGERS.

William C. Cuseck.

William A. Little.

SURVEYORS OF LUMBER.

John T. Fillmore,

Geo. W. Marston, Hervey Kimball,

William B. Coffin.

Charles S. Lovejoy, John C. Kimball,

Daniel M. Felch,

Edward Perkins, George W. Jackman,

John E. Bailey,

Gideon C. Webster, William J. Hunt.

William H. Morse,

Orlando F. Hatch.

WEIGHERS OF COAL, HAY AND OTHER MERCHANDISE.

Charles C. Stockman,	John C. Stanley.	James Joy.
William S. Coffin,	James R. Conley,	John S. Brown.
Philip H. Creasey,	William Conley.	Fred L. Atkinson,
John Reddy,	Harry W. Bayley.	Benjamin F. Atkinson,
Leonard W. Coker,	Edward E. Varina.	Fred B. Fanning.
Fred G. Spinney,	Fred L. Macintosh,	Jere Haley,
John J. Collins,	C. Wallis Dame.	Charles Watts.
George P. Balch.	George J. Warner.	John L. Noyes.
Edward Donahoe.	Daniel Balch.	Lawrence Whalen.

FIELD DRIVERS.

Luther Ordway.	Jeremiah S. Parker.	Alonzo F. Osgood.
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POUND KEEPERS.

Pound No. 1, Auburn Street, Timothy Moreney.
 Pound No. 2, Wesley Street, Luther Ordway.

MEASURERS OF WOOD AND BARK.

Philip H. Creasey,	Hervey Kimball.	Fred L. Atkinson.
John Reddy,	George P. Balch.	Benjamin F. Atkinson.
Edward E. Varina.	Jere Haley.	John Collins.
Fred B. Fanning.	William S. Coffin.	John L. Noyes.

MEASURERS OF CHARCOAL.

Hervey Kimball.	George P. Balch,	Fred L. Atkinson,
J. W. Gunnison,	Philip H. Creasey.	John L. Noyes.

WEIGHERS AND MEASURERS OF CITY FUEL.

Hervey Kimball.	Leonard W. Coker.	J. W. Gunnison,
	George J. Warner.	

INSPECTOR OF COAL BASKETS.

James W. Gunnison.

FENCE VIEWERS.

Hervey Kimball.

Nathaniel Morse, Greenleaf Dodge.

MEETINGS.

BOARD OF ALDERMEN.

First Monday evening of each month.

COMMON COUNCIL.

First Monday evening of each month.

SCHOOL COMMITTEE.

First Monday evening of each month.

OVERSEERS OF THE POOR.

First Monday evening of each month.

MAYOR'S INAUGURAL ADDRESS.

CITY OF NEWBURYPORT.

IN COMMON COUNCIL,)
Jan. 6, 1890. }

ORDERED, the Mayor and Aldermen concurring, that the joint standing Committee on Printing be and hereby are instructed to request of His Honor the Mayor a copy of his inaugural address, for publication in the volume of Receipts and Expenditures and reports and papers pertaining to the last municipal year.

Adopted.

THOMAS E. CUTTER, Clerk.

IN BOARD OF ALDERMEN, Jan. 6, 1890.

Adopted in concurrence.

GEORGE H. STEVENS, Clerk.

INAUGURAL ADDRESS
OF
HON. ELISHA P. DODGE,

DELIVERED JANUARY 6, 1890.

GENTLEMEN OF THE CITY COUNCIL :

We have assembled here to-day to take the oath of office, to assume the duties we have undertaken to perform, and to organize the city government of Newburyport for the year 1890. As I repeat these last words I am reminded that we are so near the end of this most wonderful nineteenth century, a century during which has been wrought such marvelous improvement in the appliances of civilization, that no one now presumes to suggest a limit to the possibilities of human discovery and invention or of intellectual growth. Newburyport has done her full share towards bringing about these magnificent results. Her merchants, her shipbuilders, her men of letters, and the statesmen who have delighted to call her their home, have contributed no mean part to the sum total of the century's greatness. While we may with pardonable pride congratulate ourselves that such is the fact, it should serve as an incentive to us and to the people we represent, to greater effort in order that our future may be, in no respect, unworthy of our hon-

orable past. It is our first duty to ascertain clearly what may be amiss in our present situation, and then to determine what may be wisely done to promote our welfare and prosperity. In accordance with the usual custom I shall now hastily review the condition of the most important branches of city affairs, and will first call your attention to that of the finances.

FINANCES.

The total appropriations for the year 1889 were	\$147,165.36
Income from various sources.....	36,986.13
Total credits.....	<u>\$184,151.49</u>
Total disbursements	<u>194,217.75</u>
Showing an overdraft of.....	10,066.26

CITY DEBT.

Net debt of the city Dec. 15, 1888.....	\$384,477.14
Net debt of the city Dec. 21, 1889	403,985.84

Showing, notwithstanding the debt of \$50,000 created on account of sewerage, a net increase apparently of only \$19,508.70.

On account of the sewerage construction and sundry other items it is fair to estimate an additional liability of about \$15,000. There is at the end of every year an item of undetermined indebtedness which should be taken into account in financial reports. Assuming the above estimate to be correct, the total net debt will be shown to be \$418,985.84.

Although the floating debt is estimated, and must necessarily be so at the beginning of any year, the amount of it can usually be ascertained by the treasurer by a method of accounting which would involve comparatively little labor. I hope such an account will be hereafter kept. If it is kept, before the end of the year the exact liability we inherited should be definitely determined, and in due course of time the legacy of debt we may leave to our successors will be ascertained. It will more accurately determine

for the future, also, the work accomplished by each succeeding administration. It might be well to make a distinct appropriation each year to meet a debt of this kind. The people desire to know the facts as they are, and as complete statements of public business as is practicable should always be made. The reduction of bonded indebtedness independent of the sewerage loan is accounted for in part as follows :

Sales of real estate on Federal street and elsewhere....	\$ 8,842.00
Premiums received on bonds and notes sold.....	3,977.50
Amount of interest received on bank deposit in excess of the average for the past ten years.....	1,321.70
Balance of cash on hand received from sale of sewer- age bonds... ..	3,366.70
Appropriation carried to sinking fund as required by law	3,800.00
Appropriated and carried to notes payable.....	5,000.00
Total.....	<u>\$26,307.90</u>

As will be seen the most of this sum is made up of unusual items of income, which are not likely to be duplicated. While the net debt of the city appears to be \$418,985.84, it is fair to show what there is in mitigation of that fact. Of the bonded debt \$56,750.00 is in trust funds which are never to be paid and the income of which is all used for the benefit of the public. The city also holds \$74,000 in the stock of the City railroad, which has a value somewhat dependent upon the renewal of its lease, which will expire August 14, 1892. It is fair to assume that the stock is worth par, and these two items deducted from the debt leave \$288,235.84. Against this also may be offset other city property, real and personal, valued at \$306,550.00. Although it could have no such value to apply to the reduction of debts, and very little of it will ever be available for that purpose, it is a satisfaction to know that, in return for its expenditures, the public can show so large an amount of valuable property. There will fall due this

year \$111,000.00 of the city debt, bearing interest at the rate of six per cent., which will undoubtedly be refunded at a material saving in the interest account. In issuing new bonds it is well to consider whether it is not best to secure as low a rate of interest as possible for a bond at par, rather than to attempt to get a premium for immediate use, however advantageous that might be to us in the exhibit we should make at the close of the year.

SEWERAGE.

As is well known, I did not favor the introduction of sewerage on the plan adopted, nor to the extent to which the system has been carried. The work on immediate construction is nearly completed, and the total cost of the same is now a municipal liability. It is for us to see that the interest of the city is as fully protected as possible, and that such provision is made for the payment of the debt as the law requires. I decidedly disapprove of the proposition to assess the entire expense of sewerage upon the city at large. It would be an unjustifiable imposition upon the citizens of wards one, five and six temporarily, at least, and permanently upon the property owners in all the out-lying districts. It will indefinitely postpone the payment of one-half the debt, and create a demand for the extension of the system long before the public interests will require it.

The advantage to the public health which sewers may assure may justify the payment by the city at large of a part of their cost, but at least one-half should be paid by the abutters, who only derive direct and tangible advantage from their construction. I trust, if such action be necessary, that the vote of our predecessors will be rescinded by you, and an equitable basis of assessment devised in accordance with the general practice in other cities of the commonwealth.

I come next to that department which will more than any other call for your careful consideration. I refer to the

HIGHWAYS.

Their present condition is certainly most deplorable. If good roads are an indication of the highest civilization, we should not care to be judged by what ours are at present. That they are in such a state may be attributed to several causes. Only small portions of them have been properly constructed, and no repairs can make a road satisfactory that was originally constructed on a wrong principle. The frequent rains of the past year and a half, and lastly the laying of sewers, have combined to disorganize and demoralize what was sufficiently bad before. It is now necessary as a matter of economy, if for no other reason, that radical measures be adopted to give us streets that will be entirely safe and over which we can travel with a reasonable degree of comfort. In High street we have an avenue that might easily be made to excel any of equal extent in the country. It should have a road-bed worthy of its great natural beauty. With the electric railroad soon to be built, it will become the pleasure drive of the whole people. It should be put in such condition that all may take both pride and pleasure in it. The cost of transportation on our business streets is materially enhanced by the extra wear of both horse and vehicle caused by the bad condition of the roads. They should be made such that business may be carried on here with as little expense as in any other city. Something must be done. The question for us to consider is, what can be done within the limit of our means? Not very much in any one year. We can, however, commence with the right kind of work, do what we can, and if it is followed up by our successors, eventually, and in a comparatively few years, we shall have satisfactory results. Unquestionably the best road for heavy traffic which we

can consider is that paved with granite blocks such as Pleasant street and part of Merrimac street. The cost is too great for us to adopt it to any considerable extent immediately, but it should be continued on Merrimac, Water and State streets, and I strongly advise that an appropriation be made for laying a limited amount this year. For the greater part of High street, and some of the streets running parallel to it, we must adopt a species of the McAdamized road. A McAdam road built in accordance with the most approved methods is undoubtedly the best in existence, but it is too costly for us to attempt to introduce at present. We must be content with a modified form of it. I advise as follows: We should establish in the first place suitable grades for each street, and hereafter see that such grades are maintained. Then as fast as rebuilding may be advantageously carried on, remove the surface of the old roads to a depth of say one foot below the established grade, fill in with large stone about half the depth excavated, and cover them over with a layer three inches thick of broken stone. When this shall have become worn down and settled partially into place, add another layer of broken stone of about the same thickness. The whole may then be covered with a coating of gravel an inch deep, and thoroughly rolled with such a roller as the city now possesses. To effectually drain the road, which is of the first importance, it must be properly "crowned" and there must be suitable gutters. The proper shape for the completed road must be given to the bed before any stone is put on. To do this work properly I consider it necessary for the city to purchase a stone crushing machine, or to make a contract for the delivery of suitably broken stone. To secure a satisfactorily smooth surface it is indispensable that the top coating should be of small stones, nearly cubical in shape and not over two and one-half inches in their largest dimensions. The only piece of road we have built on the McAdam principle, a piece on High street,

near the head of Broad street, although a good road, has always had a rough surface because of the fact that it was covered with stones too large to secure the best results. The streets running from High toward the river are for the most part in fairly good condition, and can be left for the present, with such repairs with gravel as may from time to time seem desirable. There are some exceptions to this statement, and in such cases the McAdam process should be applied. I desire the committee on highways to begin immediately thorough investigation of the whole subject, in order that the work may be commenced at the earliest practicable moment. For further and more detailed information I refer you to the report of the superintendent of highways. I have treated the matter at such length and in such detail because I am convinced of its paramount importance.

SCHOOLS.

The maintenance of our free public schools is justly regarded as of the highest importance. The education they give is essential to good citizenship, and the commingling of all classes for a common purpose promotes that feeling of equality and mutual confidence so essential under our free government. I deprecate the establishment of sectarian or private schools of any nature or description, except for the very young or of the higher grades. To counteract the tendency to establish such schools, the public schools should be made as thorough and perfect in system as possible. We should direct our efforts to the primary and grammar departments almost exclusively. Truancy should be abolished. Attendance for the full year should be regular and prompt, as such discipline would be of almost as much advantage as the knowledge acquired from books. If the lower grades are properly cared for, the higher grades can safely be left to private interests and munificence. I question the right of supporting high schools

at public expense, and I am sure that no necessity for it exists. If the public does its full duty in connection with primary education it will have done enough. It cannot be said to have done that duty until it sees that no child reaches adult years without having been thoroughly taught in all the primary and as much of the grammar school course as is possible. I hope an efficient truant officer will hereafter be steadily employed.

FIRE DEPARTMENT.

An efficient fire department is a necessity for which we must provide. The amount charged directly to that account for the past year is \$7,932.60, but that does not represent its entire cost. There was also paid for water supply \$7,395. The care of engine houses and the expense of horses and drivers used by the fire service are charged to the account of public property. With their just proportions of these items, the expenditures on behalf of the fire department must be considerably in excess of \$15,000 per year. I do not know of any way by which this amount may safely be materially reduced. The department appears to be as small as prudence would dictate. The apparatus must be kept in order and always ready for use. The salaries paid are for the greater part nominal. The city furnishes good rooms and the means of social intercourse among the men, which should encourage that pride in their profession which is really their chief compensation. While I suggest no reduction in the appropriations for this department, I trust the Board of Engineers as well as yourselves will bear in mind the importance of keeping the expenses connected with it as low as is consistent with a reasonably high standard of efficiency.

POOR.

The poor department is one which should receive most careful attention, based quite as much upon good judgment as upon gener-

ous sentiment. No person who is honest and deserving will, in a community like ours, be permitted to want for the necessities or even comforts of life. Experience has shown, however, the importance of discretion in benefactions in the interest of the poor themselves. While I feel as strongly as any one should that the department of charities is the last place where an inconsiderate attempt should be made to save money, I am of the opinion that there is something wrong in the large amount of out-door relief furnished by the city. In 1888 there were so assisted 669 persons. To these must be added those aided from the income of the funds held by the city for the benefit of the poor. We should also take into consideration the large number of persons assisted by the various charitable and religious societies of the city, as well as by private benefactions. It seems to be improbable that so large a number of persons are fit subjects of charity, and I feel sure that there is something in the system that encourages the improvident, if not the imposter, to rely upon the public support.

The total cost of the poor department for the last year has been \$18,959.57, which is \$322.04 more than for the previous year, while the income, aside from the appropriation of the city government, has been \$560.48 less, making an increase in net cost for the year over 1888 of \$882.52. Of the expenses, \$4,649.73 is for care of insane persons, an item over which the overseers have no control; \$6,401.50 was for out-door relief; \$1,666.21 for poor residing in other towns; \$3,828.66 cost at almshouse, and \$2,413.47 for salaries. It is well to consider whether it be not advisable that the Board of Overseers of the Poor be made a continuous Board by electing one member each year for a term of three years instead of the whole Board annually as at present. There is no branch of the public service where experience is more essential than in this department.

STREET LIGHTING.

The streets are now lighted by the arc electric system in a manner substantially satisfactory to all. The committee having this service specially in charge should, by careful investigation, ascertain if the prices paid here are just and fair, and the light furnished of as high standard as may reasonably be expected.

MALL IMPROVEMENT.

During the past year the Mall Improvement Association have substantially completed their work of remodelling and beautifying that attractive locality. Over \$3000 has been expended, which was voluntarily contributed by citizens and former residents of Newburyport. The grounds now are a credit to the city, and may with proper care easily be kept so. I advise that an officer be appointed, to act under the immediate authority of the Park Commissioners, who shall have special oversight of the Mall and adjoining public property. Such an officer should also be janitor of one of the schools in that vicinity, and so could afford to serve for comparatively small compensation.

PUBLIC PROPERTY.

While the expenses in this department are necessarily large, there are, I doubt not, some ways in which they can be wisely reduced. The provision of the ordinance requiring that repairs costing \$200 or more shall be done by special contract must be strictly complied with. No bills should be contracted or approved not ordered by the committee. This department is liable to extra expenditures in consequence of new requirements of State law. While such requirements may be for improvements which are sufficiently desirable, they impose expenditures upon the city government for which they are not responsible. Items of this sort should be specified in the annual reports.

POLICE.

The police is an indispensable branch of the public service, whose labors are not always fully appreciated. While, like all public servants, they are liable to sharp criticism, they are also entitled to a fair share of commendation. It is well always to remember the officers' obligation to act strictly within the limits of the law. I have no information which would justify me in saying that Newburyport is not as orderly as any other city, and that the laws here are not fairly well enforced.

There should be some carefully prepared system of rules formulated for the government of the force, and a rigid discipline maintained. The officer should have his duty clearly defined and be held to a strict performance of it. I am compelled to add that some better place for the detention of female prisoners than we now have ought speedily to be provided. I desire you personally to inspect the station, feeling sure you will be impressed with the necessity of some different arrangement of it.

PUBLIC LIBRARY.

The public library continues its good work. It is an institution of which we may well feel proud, and should continue to receive our fostering care and support. It now contains over 25,000 volumes, and is much used, both in its book department and in the free reading room connected with it. I refer you to the annual report of the directors for full information as to its condition.

THE MUNICIPAL REGISTER

Has not been revised for ten years, and is frequently misleading as a source of information to the city government, in consequence of the amendments and additions that have been made to the city laws since it was published. I recommend the appointment of a joint special committee to consider the cost and advisability of making a thorough revision of it.

CONCLUSION.

There are other matters of importance to which, as I have now sufficiently taxed your patience, I shall not allude. For such further information as you may desire I refer you to the reports of the heads of the several departments, which will soon be on file with the city clerk.

In conclusion, I desire to give utterance to my conviction that, as a community, we are entering upon a new era of material prosperity. Manufactures of various kinds have been securely established here and are increasing in activity and importance. All substantial and desirable growth must be natural and necessarily slow, but the art and energy of man can to a material degree encourage and hasten it. While our duties are sufficiently defined, and are properly discharged if we wisely execute the requirements of the municipal law, yet in our individual capacity, and also in our official positions, so far as we may properly act therein, we can do much to encourage and help on the industrial interests of the city. A wise discrimination, which is never an obstruction to real progress, must be exercised in what we do.

In the discharge of our immediate duties let me urge you, as I pledge myself, to guard with the most zealous care the public interests which are temporarily in our hands. Let us use the public funds with more scrupulous economy, if possible, than we would our own, bearing in mind that judicious expenditure may be the truest economy, and that it is the best interest of the city both now and hereafter which we seek to serve.

When our term of office shall have passed, may we have the satisfaction of knowing that we have done all we could to promote the highest welfare of our good old city, so rich in historic memories and so full of promise for the future.

ANNUAL REPORT
OF THE
Receipts and Expenditures
OF THE
CITY OF NEWBURYPORT
FOR THE
YEAR ENDING DECEMBER 21ST, 1889.

REPORT OF COMMITTEE ON FINANCE.

CITY OF NEWBURYPORT, December 21, 1889.

To the City Council of the City of Newburyport :

GENTLEMEN: The joint standing committee on finance respectfully submit the accompanying statements and reports of the city treasurer and collector and the city auditor for the financial year ending December 21, 1889.

The books and accounts of the city treasurer and collector have been examined under the direction of this committee by the city auditor, and found to be correct and properly vouched.

For the committee,

ALBERT C. TITCOMB, Chairman.

AUDITOR'S REPORT.

TO THE COMMITTEE ON FINANCE :

GENTLEMEN—In conformity with the requirements of the ordinances of the city, I have the honor to submit my report of the receipts and expenditures of the City of Newburyport. for the financial year ending December 21, 1889, (including the sum of \$23,213.36 expended in 1888, and remaining unpaid Dec. 15, 1888). with a schedule of the real and personal property belonging to the city, and a statement of the city debt and debts due the city.

Balance in the treasury December 15, 1888,	
was.....	\$ 8,997 14
Total amount received by the treasurer from	
all sources from December 15, 1888, to	
December 21, 1889, as specified below	397,972 81
Making a total of.....	\$406,969 95
Total amount expended and ordered to be paid	
from the treasury from December 15, 1888,	
to December 21, 1889, including \$23,213.36	
expended in 1888, as specified below.....	393,606 03
The balance in the treasury December 21, 1889,	
was.....	\$ 13,363 92

RECEIPTS.

Poor department.....	\$ 2,951 89
Schools	906 15
Fire department	766 01
Highways.....	140 67
<i>Amount carried forward.....</i>	\$4,764 72

<i>Amount brought forward</i>	\$4,764 72
Incidentals.....	11,815 79
Public property	335 12
Police.....	2,216 58
Public library	1,071 70
Sidewalks and edgestones.....	818 99
Bromfield fund.....	400 00
State of Massachusetts (State aid, Chap. 301.)	3,410 50
State of Massachusetts (Military aid, Chap. 279)	1,122 00
State of Massachusetts (Armory rents).....	350 00
City hall	1,299 00
Burial lots	236 00
Non-resident bank tax.....	7,084 08
Sinking fund commissioners, to pay bonds ...	5,000 00
Notes payable.....	130,400 00
Ashes and rubbish	144 10
Printing	10 00
Interest on overdue taxes	1,585 18
Interest City Railroad dividends.....	2,411 50
Interest on bank deposit	1,683 87
Tax of 1886.....	10 00
Tax of 1887	5,582 70
Tax of 1888	23,421 17
Tax of 1889	111,320 47
Liquor licenses.....	15,735 00
Income account, corporation taxes.....	10,444 66
Income account, foreign shipping.....	4,123 56
Culverts	186 64
Commissioners of Atkinson Common	37 00
Simpson fund.....	900 00
City bonds, sewerage loan, 4 per cent.....	50,000 00
Lighting streets and public buildings.....	52 48
Making a total of	<u>\$397,972 81</u>

EXPENDITURES.

Poor department	\$ 18,959 57
Schools	22,577 88
Fire department.....	7,932 60
Highways.....	5,311 88
Incidentals	6,613 80
Public property	11,554 97
Police.....	12,380 15

Amount carried forward \$85,330.85

<i>Amount brought forward</i>	\$ 85,330 85
Lighting streets and public buildings	10,531 96
Interest	25,597 60
Public library	2,193 19
Sidewalks and edgestones	1,464 94
Newburyport bridge	894 73
Essex Merrimac bridge	186 39
Culverts	491 57
Notes payable	136,000 00
State of Massachusetts (State aid, chap. 301)...	3,568 50
State of Massachusetts (Military aid, chap. 279)	2,584 00
State of Massachusetts (armory rents)	900 00
State of Massachusetts (burial expense)	33 75
Bromfield fund	313 30
Liquor licenses, 25 per cent of receipts to State	3,933 75
Fuel	6,152 78
Salaries	7,046 53
Board of health	691 27
Printing	1,428 09
Sinking fund commissioners	3,800 00
Ashes and rubbish	848 68
Water supply	7,395 00
State tax	9,120 00
County tax	8,771 16
Non-resident bank tax	5,964 68
City bonds, 6 per cent	20,000 00
New almshouse	634 25
Simpson fund	900 00
Memorial Day	150 00
Sewerage	46,633 30
Commissioners of Atkinson Common	45 76
Making a total of	\$393,606 03

CITY DEBT.

The amount of the net city debt December 15,
1888, was \$384,477 14

The city debt has been increased during the
year, as follows:

By the amount of city bonds issued on account
of sewerage loan, sold to Adams, Blodgett
& Co., of Boston, dated September 3, 1889,

Amount carried forward \$384,477 14

<i>Amount brought forward</i>		\$384,477 14
payable in 30 years, with interest at the rate of 4 per cent. per annum, payable semi-annually.....	\$ 50,000 00	
By the amount of a demand note given to the committee of the Abram Williams fund, dated March 1, 1889, with interest at the rate of 4 per cent. payable annually.....	1,000 00	
By the amount of a note issued to the order of J. V. Felker, city treasurer, dated January 9, 1889, payable in 11 months, with interest at the rate of 4 per cent. per annum....	1,400 00	
By the amount of a note issued to the order of J. V. Felker, city treasurer, dated January 9, 1889, payable in 11 months, with interest at the rate of 4 per cent. per annum....	1,000 00	
By the amount of a note issued to the order of J. V. Felker, city treasurer, dated June 28, 1889, payable in 5 months, with interest at the rate of 3 per cent. per annum.....	2,000 00	
By the amount of a note given to the Institution for Savings, Newburyport, dated March 1, 1889, payable in 10 years, bearing interest at the rate of 4 per cent. per annum, payable semi-annually:.....	15,000 00	
Sundry debts due from the city December 21, 1889, in excess of amount due December, 15, 1888,	77 94	
		70,477 94
		\$454,955 08

There have been paid on account of the city debt during the year 1889 notes and bonds as follows:

To Institution for Savings, Newburyport, bonds which matured March 1, 1889, bearing interest at the rate of 6 per cent.	\$ 20,000 00	
To Institution for Savings, Newburyport, note dated October 5, 1886, which matured October 5, 1889, the same being part of the water loan	2,000 00	
<i>Amounts carried forward</i>	\$ 22,000 00	
		\$454,955 08

<i>Amounts brought forward</i>	\$ 22,000 00	\$154,955 08
To Institution for Savings, Newburyport, note dated October 5, 1886, which matured October 5, 1889, the same being part of the bridge loan.....	3,000 00	
To the order of J. V. Felker, treasurer, note dated January 2, 1888, which matured January 9, 1889	1,000 00	
To Blake Bros. & Co., Boston, note dated November 14, 1888, which matured January 14, 1889, bearing interest at the rate of 3 7-8 per cent. per annum.....	20,000 00	
Sinking fund and other available assets in excess of amount in 1888.....	4,969 24	
		<u>50,969 24</u>
Net debt December 21, 1889.....		\$403,985 84
Net debt December 15, 1888.....		<u>384,477 14</u>
Increase of the net debt of the city for the year 1889		<u>\$ 19,508 70</u>

CITY DEBT AND ASSETS.

City bonds.....	\$378,000 00	
Notes payable, water loan.....	14,000 00	
“ “ bridge loan.....	21,000 00	
“ “ temporary loan.....	19,400 00	
“ “ trust funds.....	56,750 00	
Sundry accounts	222 64	
Gross city debt.....		\$489,372 64
Taxes 1887.....	2,297 00	
Taxes 1888.....	9,980 00	
Taxes 1889.....	31,281 63	
Due from the State, State aid	3,258 50	
“ “ military aid.....	1,194 50	
“ “ burial expense	33 75	
Sinking fund at par.....	23,977 50	
Cash on hand December 21, 1889	13,363 92	
		<u>85,386 80</u>
Total net debt as above stated December 21, 1889.....		<u>\$403,985 84</u>

SCHEDULE OF PUBLIC PROPERTY.

REAL ESTATE.

City Hall, brick, Brown square	\$ 55,000 00
Market House, brick, Market square	22,000 00
New almshouse, land and outbuildings	42,000 00
Land, powder house lot, Low street	1,500 00
" Coffin lot, Hill street.....	1,500 00
" High and Wesley streets	50 00
Gravel pit, North Atkinson street	800 00
" Coffin's court	350 00
Hearse house, gun house and pounds.....	250 00
Gravel pit, Greenleaf street.....	2,000 00
Two burial grounds	2,000 00
Right of ferry way.....	100 00
Land "Common" Kent street.....	8,000 00
" "Mall" High street.....	7,000 00
	<u>\$142,550 00</u>

SCHOOL HOUSES.

Brick school house on Hancock street.....	\$ 5,000 00
" " Bromfield street	7,000 00
" " School street	12,000 00
" " Temple street.....	3,500 00
" " High and Auburn streets.....	40,000 00
" " Congress street.....	5,000 00
" " Wesley street.....	3,000 00
" " Forrester street.....	8,000 00
Wooden " Purchase street.....	3,000 00
" " " "	200 00
" " Charles street.....	900 00
" " Congress street.....	1,500 00
" " Ashland street.....	3,000 00
" " Moultonville.....	1,500 00
	<u>\$93,600 00</u>

ENGINE HOUSES.

No. 2, Federal street, brick.....	\$ 5,000 00
" 3, Congress "	5,500 00
" 6, Monroe " wood.....	800 00
" 7, Merrimac " brick	2,000 00
" 8, Purchase "	2,500 00
	<u>\$15,800 00</u>

PERSONAL PROPERTY.

Furniture in City Hall, Market Hall and engine houses.....	\$ 4,000 00
Hook and ladder truck.....	1,500 00
Three steamers, 2 supply wagons, hose carriages, hose hooks, etc.....	34,000 00
Farming implements, furniture, stoves, fuel, tools, animals, in and about almshouse and outbuildings.....	6,500 00
Standard weights and measures.....	300 00
Twelve horses.....	2,500 00
Carts, sleds, harnesses, etc.....	1,500 00
Stocks in City Railroad	74,000 00
Fire alarm	4,300 00
	<u>\$128,600 00</u>

RECAPITULATION.

Real estate.....	\$142,550 00
School houses.....	93,600 00
Engine houses.....	15,800 00
Personal property.....	128,600 00
	<u>\$380,550 00</u>

I have audited the books of the City Treasurer, City Clerk and Clerk of the Overseers of the Poor, and find the same correct and properly vouched.

I have examined the securities in the possession of the Treasurer belonging to the city, including the sinking fund investments, and find that they agree with the report as presented.

I have verified the accounts of the Collector of Taxes, including the amount committed to him by the Assessors, the abatements made by them during the year, and the amount collected. I have examined all bills passed by the committee on accounts, and find the same correctly cast and properly approved.

The financial showing of the city for the current year is excellent.

Being obliged to contract a debt of \$50,000 on account of sewerage, yet owing to the economical management of the city government, the city debt has increased only \$19,508.78, showing a decrease, exclusive of sewerage, of \$30,491.30.

WILLIAM H. WELCH, Auditor.

December 27, 1889.

Tabular Statement of the Appropriations, Expenditures and Balances for the Year ending December 21, 1889.

Department.	Appropriation.	Income.	Total Credits.	Expenditures.	Undrawn.	Overdrawn.
Poor	\$15,000 00	\$2,951 89	\$17,951 89	\$18,959 57	.....	\$1,007 68
School	20,000 00	906 15	20,906 15	22,577 88	.....	1,671 73
Fire	6,000 00	766 01	6,766 01	7,932 60	.....	1,166 59
Highways	4,000 00	140 67	4,140 67	5,311 88	.....	1,171 21
Sidewalks and Edgestones	1,000 00	818 99	1,818 99	1,464 94	\$354 05	.....
Ashes and Rubbish	700 00	144 10	844 10	848 68	.....	4 58
Bridges and Culverts	1,000 00	186 64	1,186 64	1,572 69	.....	386 05
Water Supply	7,000 00	.....	7,000 00	7,395 00	205 00	.....
Incidentals	500 00	11,117 66	11,617 66	7,673 40	3,944 26	.....
Incidentals (overdraft last year)	18,015 36	5,187 00	23,202 36	23,213 36	.....	11 00
Public Property	6,000 00	1,870 12	7,870 12	12,189 22	.....	4,319 10
Police	9,000 00	2,216 58	11,216 58	12,380 15	.....	1,163 57
Lighting Streets, etc.	10,000 00	52 48	10,052 48	10,531 96	.....	479 48
Salaries	7,300 00	.....	7,300 00	7,046 53	253 47	.....
Fuel	5,000 00	.....	5,000 00	6,152 78	.....	1,152 78
Public Library	1,200 00	1,071 70	2,271 70	2,193 19	78 51	.....
Printing	1,300 00	10 00	1,310 00	1,428 09	.....	118 09
Board of Health	900 00	.....	900 00	691 27	208 73	.....
Memorial Day	150 00	.....	150 00	150 00	.....	.....
Military Relief	900 00	.....	900 00	1,292 00	.....	392 00
Abatements, tax of 1886	1,800 00	.....	1,800 00	1,991 91	.....	191 91
" " 1887	500 00	19 92	519 92	1,750 69	.....	1,230 77
" " 1888	500 00	247 20	747 20	2,019 44	.....	1,272 24
" " 1889 .....	.....	3,598 47	3,598 47	3,052 89	545 58	.....
Interest	20,000 00	5,680 55	25,680 55	25,597 60	82 95	.....
Notes Payable	5,000 00	.....	5,000 00	.....	5,000 00	.....
Sinking Fund	3,800 00	.....	3,800 00	.....	3,800 00	.....
Amount carried to Sinking Fund	\$147,165 36	\$36,986 13	\$184,151 49	\$185,417 75	\$14,472 55	\$15,738 81
" " Notes Payable .....	.....	.....	.....	.....	.....	3,800 00
Balance overdrawn .....	.....	.....	.....	.....	10,066 26	5,000 00
						\$24,538 81

STATEMENT OF INCOME AND EXPENDITURES

Showing balance December 21, 1889.

Assessed for city purposes	\$147,165 36	
" re-assessments.....	1,196 68	
" overlay.....	2,401 79	
" State tax.....	9,120 00	
" County tax.....	8,771 16	
		\$168,654 99
Income credited the several departments.....		33,387 66
" from Bromfield Fund in 1889.....		400 00
Balance due commissioners of Atkinson Common at this date.....		135 94
		\$202,578 59
Payments on sundry departments	\$176,093 19	
Abatements of taxes of 1884	509 60	
" " 1886	1,991 94	
" " 1887	1,750 69	
" " 1888	2,019 44	
" " 1889	3,052 89	
Paid State tax.....	9,120 00	
" County tax.....	8,771 16	
Expenditures on Bromfield Fund.....	313 30	
Paid Sinking Fund commissioners, city appropri- ation for 1889	3,800 00	
Paid notes payable, city appropriation for 1889 ..	5,000 00	
		212,422 21
Credit balance of Atkinson Common account, Dec. 21, 1889.....	135 94	
Credit balance of Bromfield Fund acc't, Dec. 21, '89,	86 70	
		222 64
Balance overdrawn for the year.....		\$10,066 26

Condensed Statement of the FOR THE YEAR ENDING

Dr. CITY OF NEWBURYPORT in Account current

To amount paid Mayor's orders, and charged as follows :

Poor.....	\$ 18,959 57
Schools.....	22,577 88
Fire.....	7,932 60
Highways.....	5,311 88
Incidentals.....	6,613 80
Public Property.....	11,554 97
Day and Night Police.....	12,380 15
Lighting Streets and Public Buildings.....	10,531 96
Interest.....	25,597 60
Public Library.....	2,193 19
Sidewalks and Edgestones.....	1,464 94
Newburyport Bridge.....	894 73
Essex Merrimac Bridge.....	186 39
Culverts.....	491 57
Notes payable.....	136,000 00
State of Massachusetts (State aid, chap. 301).....	3,568 50
“ “ (Military aid, chap. 279).....	2,584 00
“ “ (Armory rent).....	900 00
“ “ (Burial of soldiers, etc).....	33 75
Bromfield Fund.....	313 30
Liquor licenses (25 per cent. of receipts to the State).....	3,933 75
Fuel.....	6,152 78
Salaries.....	7,046 53
Board of Health.....	691 27
Printing.....	1,428 09
Sinking Fund Commissioners.....	3,800 00
Ashes and Rubbish.....	848 68
Water supply.....	7,395 00
State tax.....	9,120 00
County tax.....	8,771 16
Non-resident bank tax.....	5,964 68
City bonds, 6 per cent.....	20,000 00
New almshouse (public property).....	634 25
Simpson Fund.....	900 00
Memorial Day.....	150 00
Sewerage.....	46,633 30
Commissioners of Atkinson Common.....	45 76
Balance, December 21, 1889, to new account.....	13,363 92
	<u>\$406,969 95</u>

Receipts and Expenditures

DECEMBER 21, 1889.

with JAMES V. FELKER, Treasurer.	Cr.
By cash on hand December 15, 1888.....	\$ 8,997 14
By cash received and credited as follows :	
Poor.....	2,951 89
Schools.....	906 15
Fire.....	766 01
Highways.....	140 67
Incidentals.....	11,815 79
Public Property.....	335 12
Day and Night Police.....	2,216 58
Public Library.....	1,071 70
Sidewalks and Edgestones.....	818 99
Bromfield Fund.....	400 00
State of Massachusetts (State aid, chap. 301).....	3,410 50
“ “ (Military aid, chap. 279).....	1,122 00
“ “ (Armory rents).....	350 00
City Hall.....	1,299 00
Burial lots.....	236 00
Non-resident bank tax.....	7,084 08
Sinking Fund Commissioners, to pay bonds.....	5,000 00
Notes payable.....	130,400 00
Ashes and Rubbish.....	144 10
Printing.....	10 00
Interest on overdue taxes.....	\$1,585 18
“ City Railroad dividends.....	2,411 50
“ bank deposit.....	1,683 87
	5,680 55
Tax of 1886.....	10 00
“ 1887.....	5,582 70
“ 1888.....	23,421 17
“ 1889.....	111,320 47
	140,334 34
Liquor licenses.....	15,735 00
Income account, corporation taxes.....	\$10,444 66
“ “ foreign shipping.....	4,123 56
	14,568 22
Culverts.....	186 64
Commissioners of Atkinson Common.....	37 00
Simpson Fund.....	900 00
City bonds, sewerage loan, 4 per cent.....	50,000 00
Lighting Streets and Public Buildings.....	52 48
	\$406,969 95

Respectfully submitted,

JAMES V. FELKER, Treasurer.

Newburyport, December 21, 1889.

Annual Statement of

Dr. CITY OF NEWBURYPORT in Account current

To uncollected taxes of 1884.....	\$	509 60	
" " 1886.....		2,001 94	
" " 1887.....		9,610 47	
" " 1888.....		35,173 41	
		<u> </u>	\$47,295 42
To supplementary commitment tax of 1887.....			19 92
" " " 1888.....			247 20
To tax of 1889 committed by assessors, city tax warrant.....	\$147,165 36		
To amount deducted by assessors	23,000 00		
	<u> </u>	\$124,165 36	
To State tax.....		9,120 00	
To county tax		8,771 16	
To overlay		2,401 79	
To supplementary commitment.....		1,196 68	
		<u> </u>	\$145,654 99
To non-resident bank tax of 1889			4,118 89
			<u> </u>
			<u>\$197,336 42</u>

the Collector of Taxes.

with JAMES V. FELKER, Collector.

Cr.

By taxes of 1886 collected and paid to treasurer..\$	10 00	
“ 1887 “ “ ..	5,582 70	
“ 1888 “ “ ..	23,421 17	
“ 1889 “ “ ..	111,320 47	
		\$140,334 34
By non-resident bank tax of 1889.....		4,118 89
By abatement of taxes of 1884.....	509 60	
“ “ 1886.....	1,991 94	
“ “ 1887.....	1,750 69	
“ “ 1888.....	2,019 44	
“ “ 1889.....	3,052 89	
		9,324 56
By uncollected taxes of 1887, to new account....\$	2,297 00	
“ “ 1888, “	9,980 00	
“ “ 1889, “	31,281 63	
		\$ 43,558 63
		\$197,336 42

Respectfully submitted,

JAMES V. FELKER, Collector.

Newburyport, December 21, 1889.

STATEMENT OF CITY DEBT.

December 21, 1889.

	Due.	Interest.	Rate.	Amount.
City bonds.....	1890	\$ 3,780	6	\$ 63,000 00
“	1893	1,600	4	40,000 00
“	1897	1,520	4	38,000 00
“	1908	2,600	4	65,000 00
“ school house loan.....	1890	1,380	6	23,000 00
“ horse railroad loan.....	1890	1,500	6	25,000 00
“ city railroad loan.....	1891	4,440	6	74,000 00
“ sewerage loan.....	1919	2,000	4	50,000 00
Notes payable—No. 4, water loan....	1890	70	3½	2,000 00
“ “ 5, “	1891	70	3½	2,000 00
“ “ 6, “	1892	70	3½	2,000 00
“ “ 7, “	1893	70	3½	2,000 00
“ “ 8, “	1894	70	3½	2,000 00
“ “ 9, “	1895	70	3½	2,000 00
“ “ 10, “	1896	70	3½	2,000 00
“ “ 4, bridge loan....	1890	105	3½	3,000 00
“ “ 5, “	1891	105	3½	3,000 00
“ “ 6, “	1892	105	3½	3,000 00
“ “ 7, “	1893	105	3½	3,000 00
“ “ 8, “	1894	105	3½	3,000 00
“ “ 9, “	1895	105	3½	3,000 00
“ “ 10, “	1896	105	3½	3,000 00
“ “ 391, “	1890	56	4	1,400 00
“ “ 392, “	1890	40	4	1,000 00
“ “ 398, “	1890	30	3	2,000 00
“ “ 396, “	1899	600	4	15,000 00
Committee on Sawyer fund	demand	225	4½	5,000 00
“ Brown fund	“	675	4½	15,000 00
“ Frothingham fund... “	“	40	4	1,000 00
“ Green fund..... “	“	80	4	2,000 00
“ Toppan fund	“	10	4	250 00
“ A. Williams fund.... “	“	40	4	1,000 00
Overseers of the Poor, Dexter fund “	“	90	4½	2,000 00
Trustees will of Margaret Atwood.. “	“	472 50	4½	10,500 00
Trustees of Simpson fund..... “	“	900	4½	20,000 00
		\$23,303 50		\$489,150 00
Due sundry accounts.....				222 64
Amount carried forward				\$489,372 64

<i>Amount brought forward</i>	\$489,372 64
Less sinking fund and other assets as per schedule	85,386 80
Net debt Dec. 21, 1889.....	<u>\$403,985 84</u>
" 15, 1888.....	384,477 14
Increase of debt in 1889	<u><u>\$ 19,508 70</u></u>

The increase in the city debt for the year 1889 is explained as follows :

City bonds, sewerage loan, issued	\$50,000 00
Overdraft in the year 1888	\$23,213 36
Overdraft in the year 1889	<u>10,066 26</u>
Paid during the current year	\$13,147 10
Appropriated and paid to sinking fund	3,800 00
Interest on investments of "	1,200 00
Premium on city bonds "	3,640 00
Premium on city note "	337 50
Appropriated and paid to notes payable	5,000 00
Credit balance on sewerage account	<u>3,336 70</u>
Decrease of debt in 1889	<u>30,491 30</u>
Increase of the debt in 1889 (including sewerage loan)	<u><u>\$19,508 70</u></u>

THE STATE OF MASSACHUSETTS

IN ACCOUNT WITH

THE CITY OF NEWBURYPORT.

Balance due from the State Dec. 15, 1888	\$1,125 00	
State aid paid in 1889, chap. 301, acts of 1889.....	3,568 50	
Military aid paid in 1889, chap. 279, acts of 1889....	2,584 00	
Burial expenses in 1889, chap. 395, acts of 1889.....	33 75	
Paid for rent of armories in 1889.....	900 00	
		\$11,211 25

Received.

For account of armory rents.....	\$ 350 00	
" State aid, chap. 301.....	3,410 50	
" military aid, chap. 279	1,122 00	
City appropriation in 1889 for one-half payment made in 1889 under chap. 279.....	900 00	
From incidental account for balance of one-half pay- ment made in 1889 under chap. 279.....	392 00	
From incidental account for armory rent not allowed by the State	550 00	
		\$6,724 50
Balance due the City of Newburyport.....		4,486 75

Due from the State December 21, 1889.

For State aid, chap. 301, acts of 1889	\$3,258 50	
Military aid, chap. 279, acts of 1889.....	1,194 50	
Burial expenses, chap. 395, acts of 1889	33 75	
		\$4,486 75

DEBTS DUE THE CITY AND OTHER ASSETS.

December 21, 1889.

Taxes of 1887.....	\$ 2,297 00
" 1888.....	9,980 00
" 1889.....	31,281 63
Due from the State for State aid under chap. 301.....	3,258 50
Due from the State for military aid under chap. 279	1,194 50
Due from the State for burial expenses under chap. 395.....	33 75
Sinking fund at par.....	23,977 50
Cash on hand December 21, 1889.....	13,363 92
	\$85,386 80

REPORT OF THE SINKING FUND COMMISSIONERS.

TREASURER'S OFFICE, December 21, 1889.

To the Committee on Finance:

GENTLEMEN:—I herewith submit a report of the condition of the sinking fund at this date, it being the close of the financial year.

Total funds December 15, 1888.....	\$19,501 26
Interest on investments in 1889.....	1,200 00
City appropriation for 1889.....	3,800 00
Premium on city bonds issued in year 1889, \$50,000 at 7.28 per ct.	3,640 00
Premium on city note issued in year 1889, \$15,000 at 2¼ per ct.	337 50
	28,478 76
Paid to city of Newburyport to meet bonds maturing during the year.....	5,000 00
Total funds December 21, 1889.....	23,478 76
INVESTED AS FOLLOWS:	
\$20,000 Newburyport 6's.....	\$19,501 26
Deposit in Powow River National Bank of Amesbury, Mass. ...	3,977 50
	23,478 76

Respectfully submitted,

JAMES V. FELKER, Treasurer.

COMMISSIONERS OF ATKINSON COMMON

IN ACCOUNT WITH THE CITY OF NEWBURYPORT.

Balance due from the city December 15, 1888.....	\$144 70	
Received from Eliphalet Griffin for sale of grass and rent of land.....	37 00	
		\$181 70

Expenditures.

Cornelius Lynch, labor.....	\$ 5 25	
Daniel Quill, "	1 75	
Frank Buckley, "	88	
Jeremiah Sheehan "	88	
John T Fillmore, stock and labor.....	37 00	
		45 76
Amount due from the city December 21, 1889.....		\$135 94

TRIAL BALANCE.

DR.	DECEMBER 21, 1889.	CR.
Incidentals . . .	\$10,066 26	Bromfield Fund . . \$ 86 70
State of Mass., State aid, . . .	3,258 50	Commissioners of Atkin-
State of Mass., military . . .	1,194 50	son Common . . . 135 94
aid		Sinking Fund . . . 23,478 76
State of Mass., burial . . .	33 75	Notes payable . . . 111,150 00
account		City bonds . . . 206,000 00
Cash	133 34	" " City R. R. loan 74,000 00
First Nat'l Bank, city, . . .	12,452 07	" " Horse " " 25,000 00
First Nat'l Bank, Boston, . . .	778 51	" " Schoolhouse " 23,000 00
Sinking Fund Com's, . . .	23,478 76	" " Sewer loan " 50,000 00
City of Newburyport, . . .	283,041 85	Sewerage . . . 3,366 70
City Railroad . . .	74,200 00	
New schoolhouse . . .	30,000 00	
Essex Merrimac Bridge, . . .	20,885 23	
Water for fire purposes, . . .	13,136 70	
Tax of 1887 . . .	2,297 00	
" 1888 . . .	9,980 00	
" 1889 . . .	31,231 63	
	\$516,218 10	\$516,218 10

DETAILED STATEMENT OF RECEIPTS AND EXPENDITURES.

POOR DEPARTMENT.

Appropriation.....\$15,000 00

CREDITS.

Cash from City of Lowell	\$ 48 25
“ “ “ Lawrence	20 00
“ “ “ Haverhill	109 51
“ “ “ Lynn.....	12 50
“ “ “ Malden	36 00
“ “ “ Salem	88 91
“ “ “ Fall River	4 00
“ “ Town of West Newbury.....	8 57
“ “ “ Cohasset.	163 70
“ “ “ Somerset	26 25
“ “ “ Danvers	47 50
“ “ “ Georgetown	126 70
“ “ “ Chicopee.....	71 55
“ “ “ Danvers.....	22 50
“ “ “ Groveland.....	17 00
“ “ “ Salisbury.....	173 50
“ “ “ Amesbury.....	564 35

Amount carried forward.....\$1,540 79

Amount brought forward,.....	\$1,54079—	\$15,000 00
Cash from sundry persons for board.....	1,102 91	
“ “ sale of hay.....	154 50	
“ “ sale of barrels.....	29 15	
“ “ State of Mass., transportation and burial of State paupers....	124 54	
		<u>2,951 89</u>
Total amount of appropriation and income.....		\$17,951 89
Total amount overdrawn and transferred from inci- dentials to balance accounts.....		<u>1,007 68</u>
Expenditures.....		<u>\$18,959 57</u>

EXPENDITURES.

Authorized by the Overseers of the Poor.

JANUARY.

Harris Pearson, crackers and pilot.....	\$ 19 10
Jane B. Robinson, board of Mrs. Henderson.....	4 00
James K. Adams, cider.....	2 72
Town of Warren, board of sundry persons.....	21 50
Town of West Newbury, cash orders and supplies.....	166 80
City of Salem, aid rendered sundry persons.....	7 50
Thomas Dana & Son, groceries.....	174 85
Sisters of Charity, board of sundry persons.....	40 50
William H. Campbell, boots, shoes and rubbers.....	11 90
Henry R. Weitzel, burying sundry persons.....	87 00
John P. Squire & Co., provisions.....	212 60
William A. Little, boots, shoes and rubbers.....	20 05
Thomas P. Mackinney, stock.....	6 57
John C. Stanley, stock.....	7 81
William A. Davis & Son, making 3 pair of duck pants..	4 50
Edward Donahoe, stock and labor.....	21 75
William H. Bayley (clerk), cash paid poor persons.....	161 41
William H. Bayley, salary as clerk, cash paid,.....	70 83
Edward J. Lunt, 1 month's services keeper almshouse..	45 15
Amount carried forward,.....	<u>\$1,086 54</u>

Amount brought forward.....	\$1,086 54
Mrs. E. J. Lunt, 1 month's services as matron almshouse	8 33
Lyman W. Lord, 1 " " " teamster " "	50 00
Geo. H. Whitmore, 1 " " " cook " "	40 00
William Holker & Co., labor	3 65
Worcester Insane Asylum, board of sundry persons ...	42 71
D. H. Cooke, services of bull	1 00
D. D. Thurlow & Co., fish	21 61
John Morrison, board of sundry persons	4 00
A. F. Ross & Co., 1 bbl. coffee	27 45
J. M. Akerman, provisions	9 60
Thomas J. Welch, boots and shoes	3 00
Louis F. Barton, boots, shoes and rubbers	36 70
B. S. Snow & Co., fish	35 00
Edwin Lunt, washing compound.....	18 00
J. Otis Winkley, milk	6 51
C. E. Plummer, 2 suits clothing.....	5 00
Paul Titcomb, corn, oats, meal and feed	77 05
S. H. Thurlow, wood saws and axe-handles	3 30
Telephone Co., use of telephone	6 00
John B. Winchester, groceries.....	84 13
C. E. Adams & Co., provisions.....	174 23
B. F. Pettingell, shoes.....	10 30
J. E. S. Hart, horse and wagon	1 00
E. Reddy, house rent.....	4 00
Newburyport One Price Clothing Co., overalls.....	3 00
James G. King, 1 dozen pair stockings.....	6 00

\$1,768 11

FEBRUARY.

Danvers Insane Asylum, board of sundry persons.....	683 43
Westborough, " " "	42 71
Commonwealth of Mass., " " "	584 53
City of Lynn, aid rendered sundry persons	71 30
City of Lowell, board and aid sundry persons.....	86 69
City of Worcester, aid rendered sundry persons.....	47 10
City of Chelsea, " " "	24 75

Amount carried forward..... \$1,540 51

Amount brought forward,.....	\$1,540 51
City of Haverhill, aid rendered sundry persons.....	58 42
Town of Beverly, board of “ “	6 00
Town of Hyde Park, aid rendered “ “	52 00
Town of Whitman, “ “ “	60 00
William H. Bayley (clerk), cash paid to poor people....	160 60
William H. Bayley, services as clerk of overseers....	70 83
Edward J. Lunt, “ keeper of almshouse	33 33
Mrs. E. J. Lunt, “ matron “	16 66
Lyman W. Lord, “ teamstr “	50 00
Geo. H. Whitmore “ cook “	30 00
Mass. School for Feeble Minded, board of sundry persons	42 71
Telephone Co., use of telephone.....	6 00
Thomas Dana & Co. 1 bbl., molasses	12 74
Dr. H. F. Adams, furnishing medicine one year.....	400 00
Jane B. Robinson, 1 month's board of Mrs. Henderson	4 00
H. H. Landford, horse hire.....	2 50
Edwin Lunt, pair of scales	5 00
J. C. Stanley, stock.....	6 29
Chas. T. Smith & Co., ice.....	33 79
A. Prager, 2 pea jackets	8 00
Harris Pearson, crackers and pilot bread.....	10 66
Wm. H. Huse & Co., 6 months' daily Herald	4 00
J. Otis Winkley, milk	6 51
Paul Titcomb, corn, oats, meal and feed.....	38 95
Wm. H. Campbell, boots and shoes.....	6 30
Sisters of Charity, board of sundry persons	18 00
Geo. A. Toppan & Co., hats and clothing.....	16 00
Edward Reddy, 1 month's house rent	4 00
Dr. H. F. Adams, treatment of sundry persons.....	16 00
	\$2,719 80

MARCH.

James G. King, 1 dozen pair stockings... ..	6 00
Samuel March, groceries	81 84
John Morrison, board of sundry persons	4 00
Amount carried forward,	\$91 84

Amount brought forward,.....	\$ 91 84
Geo. W. Colman, dressing swine.....	13 50
City of Boston, board of sundry persons.....	127 00
Town of Amesbury, board of sundry persons.....	366 19
Town of Rowley, " " " ".....	2 00
Harris Pearson, crackers, pilot bread.....	18 12
Thomas Dana & Co., stock.....	66 30
John P. Squire & Co., stock.....	96 50
Newburyport One Price Clothing Co. 18 pcs. underwear	9 00
Wm. H. Bayley, clerk, aid rendered sundry persons....	160 00
Wm. H. Bayley, services as clerk of overseers.....	70 83
Edward J. Lunt, " " keeper of almshouse.....	41 18
Mrs E. Lunt, " " matron " ".....	16 67
Lyman W. Lord, " " teamster.....	50 00
B. S. Richardson, cook at almshouse.....	23 54
A. F. Ross & Co., coffee and rice.....	71 05
D. F. Noyes, stock and labor.....	4 13
J. C. Stanley, stock.....	1 59
Thomas P. Mackinney, stock.....	5 98
B. S. Snow & Co., pollock and cod.....	25 30
Sisters of Charity, board of sundry persons.....	18 00
F. E. Cutter, eggs and milk.....	8 36
J. Otis Winkley, milk.....	10 08
Wm. H. Campbell, boots and shoes.....	6 85
Jane P. Robinson, rent of Mrs. Henderson.....	4 00
W. Mitchell, repairing shoes.....	15 60
Paul Titcomb, corn, oats and feed.....	43 40
News Pub. Co., printing.....	2 00
C. Roche & Sons, 50 bbls. of flour.....	285 00
Bradley & Babb, boots and shoes.....	1 75
	\$1,655 76

APRIL.

Chas. H. Ordway, carriage hire.....	4 50
Harris Pearson, 125 lbs. crackers.....	6 88
A. F. Ross & Co. 1 bbl coffee.....	26 10
Amount carried forward,.....	\$37 48

Amount brought forward.....	\$37 48
S. March, groceries.....	65 89
Edward Reddy, house rent.....	4 00
J. M. Akerman, provisions.....	12 60
William V. Coffin, bedding.....	14 85
City of Lawrence, supplies to poor people.....	6 00
Moses H. Sargent, paper and envelopes.....	2 60
Telephone Co., use of telephone.....	12 25
J. C. Stanley, stock.....	5 12
F. A. Silloway, to repairing cart harness.....	75
Thomas Dana & Co., groceries.....	121 04
J. Otis Winkley, milk.....	9 15
William H. Bayley, aid rendered poor persons.....	159 00
William H. Bayley (clerk), 1 month's salary as clerk of overseers.....	70 83
Lyman W. Lord, 1 month's salary as teamster.....	50 00
Edward J. Lunt, " " almshouse keeper.....	45 60
Mrs. E. J. Lunt, " " " matron.....	16 66
B. S. Richardson, " " " cook ..	30 00
F. E. Cutter, milk and eggs.....	9 32
D. D. Thurlow & Co., fish and oysters.....	38 71
George H. Plumer, cotton.....	1 70
Children's Hospital, board of child.....	24 00
William A. Little, shoes.....	9 38
Beach Soap Co., 25 boxes soap.....	66 25
L. F. Barton, boots, shoes, etc.....	44 55
Paul Titcomb, corn, oats, etc.....	40 00
Jane B. Robinson, 1 month's house rent, Mrs. Henderson.....	4 00
John Morrison, board of Tilton child.....	8 00
William H. Campbell, shoes.....	1 25
William G. Merrill, 100 lbs. mutton.....	8 00
George M. Warner, 5 bbls. flour.....	28 75
James C. Colman, hauling 50 bbls. flour.....	2 50
	\$950 23

MAY.

Danvers Insane Asylum, boarding sundry persons	\$720 00
Worcester Insane, " " " "	48 91
Westborough " " " "	41 79
Taunton " " " "	31 26
Commonwealth of Mass., support of sundry persons . . .	39 27
Mass. School for Feeble Minded, " " "	41 76
Sisters of Charity " " "	40 50
City of Lowell, aid rendered sundry persons	2 00
Joseph B. Little, boots, shoes, etc	47 30
L. W. Coker, sole leather	5 87
S. Levy, P. M. postage stamps	4 00
Henry A. Wilson, tobacco, lard, etc	27 57
Wm. H. Bayley, clerk, aid rendered sundry persons . . .	163 50
" " services as clerk	70 83
S. H. Safford, burying sundry persons	109 00
H. N. Marshall & Son, stock	9 20
J. C. Stanley, stock	5 60
Edward J. Lunt, services as keeper of almshouse	62 11
Mrs. E. Lunt " " matron " "	16 67
Est. Wm. Thurlow, milk, eggs, etc	23 12
B. S. Richardson, 1 month's work	30 00
John P. Squire & Co., 5 bbls. short cut pork	72 50
Geo. E. Greeley, large boiler and repairing	5 00
A. F. Ross & Co., tea	116 66
E. J. Reddy, house rent	8 90
Thomas Dana & Co., 1 bbl. molasses	15 45
E. E. Cutter, milk and eggs	5 26
Favorite Mfg. Co., 280 lbs. soap powder	21 28
John J. Smith, 1 cow	50 00
J. Otis Winkley, milk	9 18
Jane B. Robinson, 1 month's house rent Mrs. Henderson	4 00
J. C. Lunt & Co., burying sundry persons	24 50
Anna Jaques Hospital, care of sundry persons	47 00
Paul Titcomb, corn, oats, meal and feed	38 78
John F. Bryan, stock	3 00
Lyman W. Lord, services as teamster at almshouse . .	50 00
Amount carried forward	<u>\$2,010 87</u>

Amount brought forward,	\$2,010 87
Henry R. Weitzel, burying sundry persons.	28 50
Telephone Co., use of telephone.	15 74
Wm. H. Campbell, boots and shoes.	6 60
B. F. Pettingell, boots and shoes.	18 50
B. W. Ordway, polishing organ.	1 50
John Morrison, 4 weeks' board.	4 00
Harris Pearson, crackers and pilot bread.	17 30
J. M. Akerman, provisions.	34 41
	\$2,137 42

JUNE.

N. P. One Price Clothing Co., two hats and 1 suit . . .	3 50
John P. Squire & Co., salt pork.	102 50
Thomas Dana & Co., 5 bbls. sugar.	146 24
B. S. Snow & Co., codfish and pollock	38 88
City of Salem, aid rendered sundry persons.	48 75
City of Cambridge, " " "	1 70
J. C. Richardson, groceries	5 00
John W. Allen, groceries.	86 37
Harris Pearson, crackers	7 82
Jane B. Robinson, 1 month's house rent, Mrs. Henderson	4 00
Charles Noyes, smoking and curing hams.	9 72
J. Otis Winkley, milk	6 51
Geo. H. Plummer, milk	2 94
E. Reddy, house rent, Mrs. Gorman.	4 00
Wm. H. Bayley, aid rendered poor persons	169 97
Wm. H. Bayley, services as clerk	70 83
Edward J. Lunt, " " keeper almshouse and extras	40 46
Mrs. E. J. Lunt, " " matron at "	16 67
Lyman W. Lord, " " teamster " "	50 00
B. S. Richardson, " " cook " "	30 00
Thomas P. Mackinney, garden seeds	5 78
J. C. Stanley, twine and paper bags.	7 80
Paul Titcomb, corn, oats and feed.	28 95
Amount carried forward,	\$888 39

Amount brought forward,.....	\$888 39
John Morrison, board of sundry persons	4 00
Wm. H. Campbell, boots and shoes.....	4 50
A. F. Ross & Co., 1 bbl. coffee.....	33 78
B. F. Pettingell, boots and shoes	11 60
Geo. M. Roaf, provisions.....	76 25

\$1,018 52

JULY.

Worcester Insane Asylum, board of sundry persons....	41 79
Thomas Dana & Co., beans and peas	33 47
George A. Toppan, clothing	10 30
Paul Titcomb, corn, oats, feed, etc.	107 00
Bradley & Babb, boots and shoes	5 25
Hub Harness Shop, cloth	1 05
George B. Pettingell, groceries	10 00
J. C. Stanley, stock	26 27
Sisters of Charity, board of sundry persons	22 50
William H. Bayley (clerk), aid rendered sundry persons	158 50
William H. Bayley, services as clerk of overseers	70 83
Edward J. Lunt, services as keeper at almshouse	37 00
Mrs. E. J. Lunt, " matron "	16 67
Lyman W. Lord, " teamster "	50 00
B. S. Richardson " cook "	30 00
Telephone Co., use of telephone	21 74
J. Otis Winkley, milk, and damage done by city team	8 05
Peter Romily, house rent	4 50
Jane B. Robinson, rent for Mrs. Henderson	4 00
Henry C. Plummer, dry goods.....	38 86
Harris Pearson, crackers	15 19
William H. Campbell, 1 pair women's button shoes	1 50
John Morrison, board of sundry persons	4 00
C. Roche & Sons, 46 bbls. flour	253 00
B. W. Ordway, labor.....	2 75
W. G. Merrill, 123 lbs. butter	23 37
Charles C. Stockman, 12 pails, 2 rockers.....	7 00
City of Boston, aid rendered sundry persons	28 00

\$1,032 59

AUGUST.

Westboro Asylum, board of sundry people	\$42 25
Danvers " "	760 50
Worcester " "	42 25
Commonwealth of Mass., support of sundry people	268 33
Mass. School for Feeble Minded, board of sundry persons	42 25
City of Boston, aid rendered " "	156 56
City of Lynn, " " "	109 95
City of Lowell, " " "	8 00
City of Lawrence, " " "	9 00
City of Cambridge, " " "	48 00
Sisters of Charity, board of three children	36 00
Harris Pearson, crackers	16 04
Thomas Dana & Co., sugar	153 87
Howard W. Spurr & Co., groceries	16 34
John P. Squire & Co., pork	83 75
B. S. Snow & Co., fish	37 00
Henry A. Wilson, 7 boxes tobacco	34 43
A. F. Ross & Co., 2 bbls. coffee	30 43
S. March, 1 tub of butter	31 10
John Pearson & Co., 35 lbs. pilot bread	1 90
William A. Little, boots and shoes	4 35
J. C. Stanley, stock	10 36
William H. Campbell, boots and shoes	9 35
Moses H. Fowler, goods delivered sundry persons	20 50
William H. Huse & Co., Herald six months	2 00
D. D. Thurlow & Co., fish and oysters	41 50
William H. Bayley (clerk), aid rendered sundry persons	163 75
William H. Bayley, 1 month's service as clerk	70 83
Edward J. Lunt, 1 month's service keeper at almshouse	41 26
Lyman W. Lord, " " teamster "	50 00
Ellen J. Lunt, services as matron at almshouse	16 67
B. S. Richardson, " cook " "	30 00
Edward Reddy, house rent	8 00
Jane B. Robinson, " "	4 00
John Morrison, board	4 00

Amount carried forward,..... \$2,406 52

Amount brought forward,.....	\$2,406 52
James C. Colman, hauling flour from car	2 20
J. Otis Winkley, milk	6 51
Paul Titcomb, corn, oats and feed	34 00
Telephone Co., use of telephone	12 87
Joseph B. Little, boots and shoes	12 50
Edward Donahoe, labor.....	58 25
S. H. Thurlow, screen doors and hinges.....	4 35
	\$2,537 20

SEPTEMBER.

William H. Huse & Co., printing	13 50
Harris Pearson, crackers	6 52
J. C. Stanley, stock	5 89
J. Otis Winkley, milk	6 51
Charles E. Atkinson, dry goods	1 78
A. F. Ross & Co., rice and tea.....	147 72
Jane B. Robinson, house rent	4 00
Anna Jaques Hospital, care of sundry persons	50 00
J. G. King, stockings	9 50
Betsey Richardson, clothing and making	14 62
William H. Bayley (clerk), aid rendered poor persons	169 00
William H. Bayley, 1 month's service as clerk	70 83
Edward J. Lunt, 1 month's service keeper at almshouse	33 58
Mrs. E. J. Lunt, " " matron "	16 67
Lyman W. Lord, " " teamster "	50 00
B. S. Richardson, " " cook "	30 00
Paul Titcomb, corn, oats, feed, etc.....	21 00
W. H. Carter, provisions	26 50
W. G. Merrill, "	61 96
Moses P. Towne, agent, house rent	8 10
Moses H. Fowler, 3 weeks' supplies	4 50
Peter Romily, house rent	9 00
James Davis, provisions.....	72 19
Charles W. Poor, groceries	96 62
William Holker & Co., stock and labor	9 75

 \$939 44

OCTOBER.

Paul Titcomb, corn, oats, meal and feed.....	66 15
Jane B. Robinson, 1 month's house rent	4 00
William C. Cuseck, stock	89 65
T. J. Mannix, teaming	3 00
Berkeley Johnson, 1 dozen shirts.....	6 00
Thomas Dana & Co., groceries.....	164 61
Harris Pearson, crackers	6 91
John Morrison, board of child	8 00
Sisters of Charity, " children.....	22 50
S. P. Hale, milk	1 86
Hub Harness Shop, stock and labor	2 40
William Huff, 4 dozen tomato plants	2 00
Charles R. Titcomb, boots and shoes	22 50
A. F. Ross & Co., 1 bbl. coffee.....	31 79
Bradley & Babb, boots and shoes	3 75
James C. Colman, lumber	2 19
Moses P. Towne, house rent.....	8 10
D. D. Thurlow, fish and oysters	24 95
J. Otis Winkley, milk.....	8 34
William H. Bayley, services as clerk	70 83
William H. Bayley (clerk), aid rendered sundry persons	161 50
Edward J. Lunt, services as keeper at almshouse, cash paid	37 81
Mrs. E. J. Lunt, services as matron at almshouse.....	16 67
Lyman W. Lord, " teamster "	50 00
B. S. Richardson, " cook "	30 00
Peter Romily, house rent	4 50
Telephone Co., use of telephone	21 75
John P. Squire, stock.....	78 25
W. C. Peters, washing powder.....	37 20
Edward Reddy, house rent.....	8 00
S. H. Safford, burying sundry persons.....	29 50
T. W. Mitchell, repairing shoes	25 00
William H. Campbell, boots and shoes	6 50
John Pearson & Son, pilot bread.....	1 95

 \$1058 16

NOVEMBER.

Danvers Insane Asylum, aid of sundry persons	785 54
Worcester " " " " " "	23 75
Westborough " " " " " "	42 71
Commonwealth of Mass., aid of sundry persons.....	148 57
City of Boston, " " " " " "	4 29
Sisters of Charity, aid of sundry persons.....	36 00
Mass. School for Feeble Minded, aid of sundry persons	42 71
City of Lowell, " " " " " "	8 25
J. Otis Winkley, milk	8 37
Moses P. Towne, rent of house 401 Merrimac St ,...	6 48
C. Boelin & Son, Flour	280 50
T. J. Welch, boots and rubbers	8 05
J. C. Stanley, skeins cotton twine.....	80
Peter Cusack, services as undertaker.....	66 15
Thomas Dana & Co.,	4 38
Louis Barton, boots and shoes	23 65
S. H. Thurlow, stock.....	1 46
Joseph B. Little, boots and shoes.....	9 75
Potter and Wightington, pollock	30 00
Wm. H. Bailey, clerk, aid rendered sundry persons..	161 92
Wm. H. Bailey, services as clerk	70 83
E. J. Lunt, services as keeper of almshouse	37 03
Mrs. E. J. Lunt, " " matron "	16 67
Benjamin Richardson, services as cook.....	30 00
Lyman W. Lord, " " " "	50 00
James P. Robinson, house rent for Mrs. Henderson..	4 00
Telephone Co., rental of telephone	10 88
Paul Titcomb, stock.....	45 25
T. M. Cogger, stock	8 00
Jas. C. Colman, teaming	2 75
John Morrison, care of Walter E. Tilton.....	4 00
Wm. H. Campbell, boots and shoes.....	3 50
B. F. Pettingell, " " " "	14 40
Merrill Bros., stock.....	37 26

 2027 90

DECEMBER.

Geo. M. Roaf, beef	\$93 48
Paul Titcomb, corn oats etc	37 05
J. Otis Winkley, milk	8 10
George Butler, pilot bread.....	27 85
William H. Campbell, boots and shoes....	3 75
Moses H. Fowler, 4 months' supplies to Mrs. Kelleher..	42 00
Jane B. Robinson, 1 month's house rent for Mrs. Henderson,	4 00
Thomas P. Mackinney, seeds	85
Green Davis, stock,	7 65
City of Salem, aid of sundry persons	78 25
Peter Romily, 2 months' house rent, Mrs. McCarns....	9 00
Beach Soap Co., 25 boxes Legal Tender soap	63 75
E. F. Welch, clothing	31 05
J. M. Greenough, use of coach.....	1 00
J. C. Lunt & Co., undertaking.....	10 00
Thomas Dana & Co., sugar, molasses, etc.,	121 95
George E. Greeley, stock and labor.....	2 35
Telephone Co., use of telephones.....	10 88
Hub Harness Shop, stock and labor.....	2 35
J. C. Stanley, stock,	5 66
John P. Squire & Co., provisions	74 25
William H. Bayley (clerk), aid to sundry persons	165 75
“ 1 month's services as clerk	70 83
Edward J. Lunt, services as keeper of almshouse and sundries	51 49
Ellen J. Lunt, 1 month's services matron at almshouse	16 67
Lyman W. Lord, “ teamster “	50 00
B. S. Richardson, “ cook “	30 00
A. E. Moylan, shoes, 5 pairs	6 50
John Morrison, board of sundry persons	4 00
Moses N. Towne, rent of tenements	6 48
Henry R. Weitzel, undertaker	77 50

 \$1,114 44

RECAPITULATION.

Bills paid in January.....	\$ 1,768 11
“ February	2,719 80
“ March	1,655 76
“ April	950 23
“ May	2,137 42
“ June	1,018 52
“ July	1,032 59
“ August	2,537 20
“ September	939 44
“ October	1,058 16
“ November.....	2,027 90
“ December	1,114 44

Total expenditures for the year ending Dec. 21, 1889. .\$18,959 57

SCHOOL DEPARTMENT.

Appropriation\$20,000 00

CREDITS.

State school fund	\$ 79 80
One year's interest of the Brown fund, to March 4, 1889	675 00
W. P. Lunt, agent, from non-resident school children	139 33
W. P. Lunt, agent, sale of books	4 02
Town of Newbury, tuition for school children	8 00
	906 15
Total appropriation and income	
	\$20,906 15
Amount overdrawn transferred from inci- dentals to balance accounts	
	1,671 73
Expenditures	
	\$22,577 88

EXPENDITURES.

Authorized by the School Committee.

E. C. Adams, services as teacher	\$ 1,530 00
Oliver B. Merrill, "	1,100 00
Sarah A. Leonard, "	650 00
Mary T. Spalding, "	550 00
Emma J. Parker, "	650 00
A. F. Gilbert, "	700 00
Amount carried forward	\$5,180 00

Amount brought forward,.....	\$5,180 00
Abby Short, services as teacher.....	382 50
Alice M. Ackerly, ".....	244 42
Eva J. Smith, ".....	349 60
M. E. Cogswell, ".....	244 23
Mary J. Kingman, ".....	357 50
Susan I. Adams, ".....	340 00
Sarah F. Badger, ".....	329 29
George W. Brown, ".....	1,000 00
Rhoda Tilton, ".....	382 50
Sarah B. Chute, ".....	750 00
Ellen Frothingham, ".....	357 50
Anna L. Coffin, ".....	441 92
Emma M. Lander, ".....	356 31
Priscilla G. Craig, ".....	449 27
Susie B. Lowell, ".....	357 50
Serena D. Toppan, ".....	450 00
A. A. Somerby, ".....	245 00
Cora B. Lougee, ".....	357 50
Abbie L. Frost, ".....	332 50
Frances J. Pearson, ".....	342 55
Jennie P. Haskell, ".....	330 78
Helen M. Currier, ".....	357 50
Rebecca W. Perkins, ".....	331 97
Mary E. Estes, ".....	354 25
S. E. Whitmore, ".....	357 50
Lizzie H. Cheever, ".....	328 06
Clara J. Edgerly, ".....	354 63
A. L. Whitmore, ".....	331 72
Frances L. Pettigrew, ".....	357 50
Flora Pettigrew, ".....	17 50
Edna E. Greateon, ".....	280 00
Alice T. Whittier, ".....	383 41
Bertha M. Stiles, ".....	283 93
Abbie N. Frink, ".....	245 00
Enola E. Gowan, ".....	307 50

Amount carried forward,..... \$17,871 34

Amount brought forward.....	\$17,871 34
Lizzie C. Ireland, services as teacher.....	7 35
Mrs. Selwyn M. Adams, ".....	1 88
L. G. Smith, ".....	300 00
Sarah Smith, ".....	6 08
Mary A. Roaf, ".....	93 14
Sadie L. Ross, ".....	16 05
Irving H. Johnson, ".....	132 45
Elizabeth Pearson, ".....	5 89
Lucy Lowe, ".....	7 90
Hattie A. P. Roth, ".....	225 00
Alice M. Paul, ".....	1 15
Eleanor Towle, ".....	1 15
Elizabeth A. Dodge, ".....	1 72
Jeanette Balch, ".....	62
Minna W. Bliss, ".....	1 35
Fred Hinckley, services as janitor.....	226 20
S. R. Fox, ".....	95 00
T. B. Robbins, ".....	90 00
Maurice Corcoran, ".....	44 80
Albert O. Colby, ".....	100 50
Joseph G. Stevens, ".....	93 00
James E. Kimball, ".....	83 00
J. C. Lunt, ".....	171 00
Oliver C. Philbrick, ".....	60 80
James P. Brown, ".....	6 00
A. F. Gilbert, services as teacher at evening school	54 00
Elizabeth A. Dodge, " " "	27 00
Margaret H. Sargent. " " "	27 00
Harriet Colman, " " "	27 00
Eleanor Towle, " " "	4 00
Lizzie C. Ireland, " " "	32 50
Elizabeth Pearson, " " "	26 00
Mary J. Kingman, " " "	25 00
William P. Lunt, services as agent, and sundries.....	1,037 79
Harper Brothers, school books, etc.	77 66
Amount carried forward.....	\$20,981 32

Amount brought forward,.....	\$20,981 32
Horace A. Brooks, school books, etc.	39 50
M. R. Warren, sundries	11 90
Leach, Sherrell & Sanborn, books and sundries	11 85
M. H. Sargent, sundries	141 64
John H. Balch, feather dusters	4 00
Lovett's Express, expressage	4 40
Edward Osgood, stock	16 97
S. H. Thurlow, stock	1 35
D. C. Heath & Co., school books	12 86
William Holker & Co., 2 carbonized coal hods	1 00
Charles R. Fogg, express.....	1 00
News Publishing Co., printing and advertising.....	52 50
Mary S. Perkins, use of well	4 00
B. G. Gerrish, 6 mats	4 50
P. H. Blumpey, 15 gallons of oil.....	1 80
George S. Perry, books and school supplies.....	125 46
Trustees Putnam Free School, rent of school building	500 00
Hermann Castelhun, supplies to High School	4 05
George H. Plumer, dry goods.....	5 40
Ginn & Co., books, etc.....	40 26
Charles H. Kilborn, stock	6 00
J. L. Hammett, school supplies	47 99
L. M. Hatch & Sons, 50 pointers	1 75
Boston School Supply Co., school supplies	75 87
F. M. Ambrose, school books	21 50
Cowperthwait & Co., school books	61 26
George F. King & Merrill, pens and stationery	28 25
Gillett's Express, expressage	3 60
Thorpe & Adams Manufacturing Co., stock	6 00
American National Bank Note Co., 100 diplomas.....	30 00
L. W. Piper, writing 16 diplomas	5 60
William H. Huse & Co., printing and advertising	44 70
Fred P. Hinckley, services as janitor	45 84
Carl Castelhun, chemicals.....	5 10
Lee & Shepard, school books	1 50
Silver, Burdette & Co., stock	3 08
Amount carried forward.....	\$22,353 80

Amount brought forward,	\$22,353 80
E. S. Kellogg, books	7 62
J. C. Haynes & Co., one-third dozen pitch pipes.	3 33
D. Appleton & Co., school books	17 89
Hanson Hume, books and supplies.	24 47
E. C. Adams, cash paid for school supplies	12 81
Prang Educational Co., school supplies.	20 16
DeWolfe, Fiske & Co., 1 book	1 26
A. S. Barnes & Co., school books	5 21
Thompson, Brown & Co., school books.	9 33
Board of Assessors, census of school children	90 00
Robert G. Allen, services as truant officer.	30 00
Milton Bradley & Co., 1 box of forms and solids.	2 00
	\$22,577 88

FIRE DEPARTMENT.

Appropriations\$ 6,000 00

CREDITS.

J. C. Stanley, old brass, etc.....	\$ 11 51
H. A. Wilson, 2 oil barrels returned	3 00
C. Callahan & Co., supplies.....	161 00
P. & R. C. & I. Co., leather hose.....	49 50
Newburyport Water Co., leather hose.....	33 00
Town of Ipswich, sale of engine No. 8.....	500 00
Town of Newbury, attending fire.....	8 00
	766 01

Total amount appropriation and income\$6,766 01

Amount overdrawn, transferred from incidentals to balance accounts 1,166 59

Expenditures\$7,932 60

EXPENDITURES.

Authorized by Fire Department.

JANUARY.

Samuel P. Boardman, 1 month's services as engineer, Market House	\$14 58
Ralph S. Bayley, services as steward	12 50
William H. P. Howard, services as engineer No. 3	29 16
Amount carried forward,.....	\$56 24

Amount brought forward.	\$ 56 24
Walter R. Bradbury, services as fireman and steward . .	12 50
Willis H. Young, services supt. fire alarm tel.	21 67
Dole & Osgood, hose wagon and extras	350 70
C. Callahan & Co., stock	65 00
William Holker & Co., stock and labor	7 40
Jere Cashman, hauling apparatus to fires	40 00
Waldo A. Howland, labor and stock on water tank . . .	2 75
George E. Noyes, 1 mattress	3 75
Bernard F. Farrell, duty at Central Fire Station	3 00
T. J. Mannix, 6 bbls. shavings	1 50
J. C. Stanley, 1 iron oiler.	50
Hall Rubber Co., matting.	3 30
John H. Balch, 1 ostrich duster	3 00
Orrin G. Davis, teaming	12 00
M. P. Perley, 2 pair blankets	8 75
Frank E. Davis, stock and labor	51 53
Paul A. Merrill, stock.	5 10
William B. Porter, teaming.	16 00
Charles S. Blake, watching at fire.	3 00
William A. Davis & Son, stock and labor	8 85
A. Parsons, labor on hose.	1 00
John F. Bryan, stock	85
E. E. Langlands, labor on hose.	1 00
W. W. Hutchins, watchman at engine house.	2 50
Telephone Company, use of telephone.	4 00
E. Donahoe, stock and labor.	8 75
L. Mannix, 4 bbls. shavings	1 00
Charles D. Pettigrew, expenses 2 trips to Peabody. . . .	5 40
Whitefield Mills, 50 lbs. cotton waste	4 00
W. Lunt Bartlett, one-half dozen chamois skins	3 90
Edward Osgood, 1 duster	1 50
Philip H. Bollman, for services at engine house.	2 50
McGlew Bros., stock and labor	64 80
J. E. S. Hart, horse and carriage hire	30 50
	\$808 24

FEBRUARY.

Samuel P. Boardman, 1 month's service engineer steamer No. 1.....	\$14 58
Walter R. Bradbury, services as fireman and steward No. 3.....	12 50
George N. Black, services as fireman and steward No. 2	37 50
William H. Howard, 1 month's service as engineer steamer No. 3	14 58
Philip H. Bollman, 3 months' service as engineer steamer No. 2.....	43 75
Willis H. Young, services as superintendent of fire alarm.....	22 03
Orrin G. Davis, for freight bill on hose wagon	2 70
F. E. Davis, stock and labor	22 36
Edward Osgood, lamp chimneys	2 51
Telephone Company, use of telephone	4 00
Charles H. Stanwood, labor on reservoirs	5 00
Edwin Rogers, 12 glass battery jars	4 55
J. B. Pritchard, use of tackle and ropes	1 50
John T. Butman, painting supply wagon	14 00
Fogg & Co. Express, expressage	1 20
George E. Bamford, care of hydrants, etc.....	20 50
	\$223 26

MARCH.

Samuel P. Boardman, 1 month's services as engineer No. 1.....	\$14 58
W. R. Bradbury, 1 month's services as steward and fire- man No. 3	12 50
R. S. Bayley, 2 months' services as fireman No. 1	25 00
Willis H. Young, battery supplies and labor	20 83
News Publishing Co., printing.....	4 00
Edward Osgood, stock	5 10
John C. Stanley, 1 dozen brooms, 5 gallons oil.....	9 75
Lovett's Express, expressage	25
William Holker & Co., stock and labor	13 09
Amount carried forward.....	\$104 90

Amount brought forward,....	\$104 90
William F. Stanwood, labor on gong, steamer 3.....	3 00
Telephone Company, use of telephone	4 20
Edwin Rogers, brass keys for signal boxes.....	2 50
	\$114 80

APRIL.

John B. Blake, services as assistant engineer.....	\$25 00
Samuel P. Boardman, services as engineer No. 1	14 58
R. S. Bayley, services as fireman No. 1	12 50
William H. P. Howard, services as engineer No. 3	29 16
Walter R. Bradbury, services as fireman and steward No. 3.....	12 50
Willis H. Young, battery supplies and labor	26 28
Charles H. Stanwood, labor on reservoirs	5 00
Edward Osgood, 6 lanterns and globes	6 50
C. H. Ordway, carriage hire	2 00
Jere Cashman, hauling apparatus to fires	40 00
Steamer Company, No. 1, watching at Wolfe Tavern ..	3 00
Orrin G. Davis, hauling hose to fire	10 50
Telephone Company, use of telephone	4 00
S. March, stock	8 40
George E. Bamford, taking care of hose.....	12 00
F. E. Davis, stock and labor	15 65
Edwin Rogers, electrical supplies.....	9 78
	\$236 85

MAY.

Board of Engineers, services of chief and 6 men 6 mos.	\$282 50
Steamer Co., No. 1, services of 15 men 6 mos.	225 00
John W. Sargent, foreman.....	5 00
E. P. Allen, steward.....	5 00
Samuel P. Boardman, services as engineer 1 month	14 58
R. S. Bayley, services as fireman No. 1	12 50
Willis H. Young, services as assistant engineer	5 00
Steamer Co., No. 2, services rendered for 6 months	225 00
Amount carried forward,.....	\$774 58

Amount brought forward,.....	\$774 58
F. W. Landford, 6 months' services assistant engineer..	5 00
Philip H. Bollman, 3 months' services engineer No. 2 ..	43 75
A. H. Adams, 6 months' services as clerk	5 00
C. L. Kidder, 6 months' services as foreman.....	5 00
George N. Black, 3 months' services as fireman and steward.....	37 50
Steamer Co., No. 3, 6 months' services rendered	225 00
Walter R. Bradbury, services as fireman steamer No. 3	12 50
William H. P. Howard, services as engineer No. 3	19 58
Charles S. Post, services as foreman No. 3	5 00
Walter A. Howland, services as assistant engineer No. 3	5 00
Hook and Ladder Co., No. 1, services of 15 men, fire- man, foreman, clerk and steward	260 00
Hose Co., No. 4, services of 10 men, clerk and steward	152 50
Hose Co., No. 7, " " " "	152 50
Hose Co., No. 8, " " " "	152 50
Henry A. Wilson, oil	12 89
News Publishing Co., account books	2 00
Warren Hutchins, labor on steamer No. 3	25 50
J. C. Stanley, one half dozen pails	2 50
Manchester Locomotive Works, repairs by contract....	177 04
Willis H. Young, services as supt. of fire alarm	38 58
Jere Creeden, services of 1 horse on Hose No. 3	10 00
F. E. Davis, stock and labor.....	1 25
William H. Woodman, extra work on engine No. 8	10 00
Edwin Rogers and W. E. Decrow, battery brick, etc. ..	43 19
S. H. Thurlow, stock.....	96
Telephone Company, use of telephone	4 00
Proprietors Wolfe Tavern, board of W. E. Wilson	19 85
Young America Hook and Ladder Co., services of 1 man at Wolfe Tavern	1 00
John F. Bryan, stock and labor	160 15
Samuel Cook, clearing snow from hydrants	26 00
A. W. Mitchell, 1 badge.....	1 50
Lovett's Express, expressage	1 75
Amount carried forward	\$2,393 57

Amount brought forward.....	\$2,393 57
Western Union Telegraph Company, telegrams.....	54
C. W. Thurlow, labor.....	53
Cornelius Kelleher, labor	53
John McDade, labor	53
John Murphy, labor	53
	\$2,396 23

JUNE.

Hose Cos., Nos. 4, 7 and 8	\$ 75 00
Samuel P. Boardman, 1 month's services as engineer No. 1.....	7 29
Willis H. Young, supt. fire alarm and engineer	21 87
R. S. Bayley, steward No. 1	12 50
Walter R. Bradbury, fireman and steward No. 3	12 50
O. G. Davis, teaming	5 70
John F. Bryan, fitting harness collars	4 50
A. L. Jackson, shovelling snow from reservoirs	36 00
News Publishing Company, funeral notices	1 50
Edwin Rogers and W. E. Decrow, fire alarm box and supplies	83 12
	\$259 98

JULY.

Willis H. Young, supt. fire alarm and engineer No. 1..	\$29 16
J. Plumer Noyes, cleaning steamer, services as fireman and steward.....	12 50
Walter R. Bradbury, services as fireman and steward ..	12 50
Telephone Company, use of telephone	8 00
John F. Bryan, 1 swing harness	75 00
Gillett's Express, expressage	55
Edward Osgood, one-half dozen cuspadores	4 50
Lovett's Express, expressage	25
James W. Gunnison, repairing scales	35
John E. Bailey, labor on plank walk, Brown square....	2 82
C. Callahan & Co., stock	101 00
Amount carried forward,.....	\$217 47

Amount brought forward	\$217 47
N. C. Moody, labor	1 10
Edwin Rogers & Co., stock	9 72
Frank E. Davis, stock and labor	9 10
George E. Young, labor.....	1 05
	\$267 60

AUGUST.

Steamer Company No. 1, on account of salary	\$100 00
Philip H. Bollman, 3 months' service as engineer	43 75
J. Plumer Noyes, steward steamer No. 1	12 50
Willis H. Young, supt. of fire alarm and engineer	29 16
Walter R. Bradbury, steamer No. 3.....	12 50
Charles H. Caswell, watching at fire station.....	1 00
Steamer Company No. 3, service of two men at engine house.....	6 00
Leander S. Hilton, watching at fire station.....	1 00
George Dole, services at Central station	3 00
Eugene S. Frost, services at Central station	3 00
Wilbur S. Porter, services in house of hose 8	3 00
John L. Lewis, services at engine house.....	3 00
George A. Coffin, services at engine house.....	3 00
George A. Young, watching at engine house.....	3 00
Abner W. Porter, services at engine house	3 00
C. L. Kidder, labor at engine house.....	4 50
W. W. Hutchins, labor at engine house.....	3 00
Eben P. Allen, services at engine house.....	3 00
Hose Company No. 4, services of two men.....	6 00
Frank E. Davis, stock and labor.....	10 12
George O. Stevens, labor at Frog Pond.....	2 00
Telephone Company, use of telephone....	4 30
Edwin Rogers & Co., battery zinc and copper	6 36
American Express Company, expressage.....	25
T. P. Mackinney, stock.....	3 37
William H. Huse & Co., advertising fire alarm	4 40
Amount carried forward	\$274 21

Amount brought forward.....	\$274 21
S. March, 51 gallons oil.....	5 10
L. Mannix, 4 barrels shavings.....	1 00
L. H. Noyes & Co., 44 pounds rotten stone.....	4 40
L. W. Coker, varnish.....	30
George E. Bamford, rolling hose.....	17 40
W. B. Porter, teaming apparatus.....	48 15
Cornelius Callahan & Co., one extinguisher.....	30 00
	\$380 56

SEPTEMBER.

Hose Company No. 8, on account of services	\$150 00
“ “ “ 7, “ “ “	75 00
J. Plumer Noyes, services as fireman steamer No. 1.	12 50
Willis H. Young, supt. of fire alarm	33 16
George N. Black, services as fireman steamer No. 2... ..	37 50
Wm. H. P. Howard, engineer steamer No. 3.....	58 32
W. R. Bradbury, fireman and steward No. 3.....	12 50
J. Plumer Noyes, cleaning steamer No. 1....	5 00
Oliver A. Dale, varnishing hose No. 4	12 00
Orrin G. Davis, teaming one coil wire.....	5 25
Frank E. Davis, stock and labor.....	48 05
F. E. Cutter, paint.....	1 44
Wm. H. Huse & Co., advertising.....	2 25
John B. Pritchard, use of blocks, falls, etc.	3 00
Dole & Osgood, 1 new hose wagon.....	366 70
Manchester Locomotive Works, repairs of spring.....	6 80
Straghton Rubber Co., matting	4 30
McGlew Brothers, stock and labor.....	48 85
Cornelius Callahan & Co., two Burton pipes	30 00
Edwin Rogers and W. E. Derow, battery supplies etc ..	26 75
Charles E. Berry, repairing hame and collar.....	4 00
W. A. Mitchell, badge.....	1 50
Lovett's Express, expressage.....	25
	\$945 12

OCTOBER.

John B. Blake, 5 months' assistant engineer.....	\$20 85
Willis H. Young, services as supt. fire alarm and extras	33 46
J. Plumer Noyes, steward steamer No. 1.....	12 50
W. R. Bradbury, steward and fireman steamer No. 3...	12 50
J. E. S. Hart, horses and wagons to fires.....	34 50
Frank E. Davis, stock and labor.....	18 65
John Sumner, 1 sprinkler.....	90
M. H. Chase, stock.....	15 85
Telephone Company, use of telephone.....	8 40
Orrin G. Davis, hauling apparatus.....	11 00
Paul A. Merrill, brooms, matches and pearline	8 40
Parker M. Lougee & Son, stock and labor.....	8 88
Lovett's Express, expressage.....	1 40
Albert Russell & Sons, stock.....	5 11
American Express Co., expressage.....	50
	\$192 90

NOVEMBER.

Chief and Assistant Engineers, 6 months services.....	\$232 50
Steamer Company No. 1, 6 months services	135 00
Ralph S. Bayley, 6 months' services as assistant engineer steamer No. 1.....	5 00
J. Plumer Noyes, 6 months' services, fireman and stew- ard steamer No. 1.....	12 50
Willis H. Young, services as engineer steamer No 1 and supt. fire alarm telegraph.....	29 16
Steamer Company No. 2, 6 months' services rendered..	225 00
Charles L. Kidder, 6 months services as captain steamer No. 2.....	5 00
George N. Black, 3 months' services as fireman and stew- ard steamer No. 2.....	37 50
Philip H. Bollman, 3 months' services engineer steamer No. 2.....	43 75
Amos H. Adams, 6 months' services clerk steamer No. 2	5 00
Amount carried forward	\$730 41

Amount brought forward.....	\$ 730 41
F. W. Landford, 6 months' services assistant engineer steamer No. 2.....	5 00
Steamer Company No. 3, 6 months' services 15 men....	225 00
Wm. H. P. Howard, 2 months' services as engineer and 6 months' as clerk steamer No 3.....	34 16
Charles S. Post, 6 months' services as captain steamer No. 3.....	5 00
Walter R. Bradbury, 6 months' services as fireman and steward steamer No. 3.....	12 50
Waldo R. Howland, 6 months' services assistant engineer steamer No. 3.....	5 00
Hook and Ladder Company, 6 months' services of com- pany.....	260 00
Hose Company No. 4, on account of services.....	177 50
“ “ “ 7, “ “	102 50
“ “ “ 8, “ “	27 50
W. A. Lucy, use of hack.....	5 00
J. C. Stanley, stock.....	72 78
George P. Balch, coal	97 35
John T. Butman, stock and labor	18 00
George E. Bamford, labor.....	5 00
Frank E. Davis, stock and labor	2 60
Jere Cashman, teaming	135 00
Telephone Company, rental of telephone....	4 00
William B. Porter, teaming	36 35
	\$1960 65

DECEMBER.

Willis H. Young, services as supt. fire alarm, etc.....	\$29 16
J. Plumer Noyes. services as steward of steamer and hose 1.....	12 50
Walter R. Bradbury, services as steward and fireman steamer No. 3....	12 50
John C. Stanley, 5 gallons sperm oil.....	4 75
Amount carried forward.....	\$58 91

Amount brought forward.....	\$58 91
Telephone Company, rent of telephone.....	4 00
Edward Osgood, stock.....	90
Boston Dyewood and Chemical Co., blue vitriol.....	27 50
T. P. Mackinney, 1 gimlet bitt.....	10
Orrin G. Davis, teaming.....	5 00
Steamer No. 1, on account of services.....	50 00
	\$146 41

RECAPITULATION.

Bills paid in January.....	\$ 808 24
“ “ “ February.....	223 26
“ “ “ March.....	114 80
“ “ “ April.....	236 85
“ “ “ May.....	2,396 23
“ “ “ June.....	259 98
“ “ “ July.....	267 60
“ “ “ August.....	380 56
“ “ “ September.....	945 12
“ “ “ October.....	192 90
“ “ “ November.....	1,960 65
“ “ “ December.....	146 41

Total expenditure for the year ending Dec. 21, 1889.... \$7,932 60

HIGHWAY DEPARTMENT.

Appropriation\$4,000 00

CREDITS.

Charles W. Pritchard, sale of dirt. etc.....	\$10 49
Fanny Stickney, gravel,	3 09
Miss Lecraw, removing snow	3 17
John Crowley, use of team	1 50
R. M. Perley, sand	40
Joseph E. Kimball, sand	1 00
N. & A. H. R. R. Co., dirt and gravel	20 93
Newburyport Car Company, sand	50
Mrs. S. B. Pike, gravel	1 80
Newburyport Water Co., repairing streets	50 99
George Butler, sand	40
Anna Jaques Hospital, stone	3 00
Newburyport Gas Co., use of team	50
Jere Kelleher, gravel	1 12
J. M. Frost, "	77
B. F. Atkinson, sand	18 00
G. A. R., "	6 26
M. B. Jackman, "	1 00
Joseph Woods, gravel	60
F. H. Plumer, "	1 81
Towle Mfg. Co., "	4 49
John J. Currier, "	1 70

Amounts carried forward.....	\$133 52	\$4,000 00
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Amounts brought forward.....	\$133 52	\$4,000 00
John Collins, gravel	2 00	
E. P. Shaw, "	1 30	
Plum Island Street Railroad Co., gravel	3 85	
		<u>140 67</u>
Total appropriation and income.....	\$4,140 67	
Amount overdrawn, transferred from incidentals to bal- ance accounts,	1,171 21	
Expenditures	\$5,311 88	

EXPENDITURES.

Authorized by the Committee on Highways.

Charles M. Pritchard, services as superintendent	\$1,183 32
Daniel Cronan, labor.....	217 85
Patrick Murphy, "	244 97
John Hale, "	269 15
Daniel Quill, "	233 71
Jere Sheehan, "	219 88
Jere Toomey, "	188 91
Edward Powers, "	229 26
John D. Foley, "	226 45
Frank Buckley, "	210 73
Cornelius Keleher, "	267 44
John Murphy, "	240 21
John Clifford, "	240 65
Chas. W. Thurlow, "	238 00
Cornelius Lynch, "	230 04
Dennis Hayes, "	27 66
Peter Young, "	7 18
William Huff, "	79
John Dodey, "	2 10
Patrick Lyons, "	29 50
Joseph Choate, "	100 25
Thomas Ryan, "	31 51
Amount carried forward.....	\$4,630 56

Amount brought forward.....	\$4,630 56
Wm. A. Noyes, labor.....	70
George P. True, ".....	5 08
John Mahoney, ".....	8 75
Thomas P. Mackinney, nails.....	65
S. Coker, stock.....	2 05
Jere W. Doyle, stock and labor.....	75
Daniel Canning, labor.....	9 25
James C. Colman, lumber and wharfage.....	27 90
Owners of Plum Island, 270 tons of sand.....	160 00
McGlew Brothers, stock and labor.....	26 50
C. R. Sargent, stock.....	50
Rufus Adams, stock and labor.....	3 12
John E. Bailey, stock and labor.....	9 26
Edward Donahoe, sharpening tools.....	5 50
Joseph Torrey, painting on sea wall.....	10 00
James M. Woods, stock and labor.....	30 88
John F. Bryan, 2 brooms.....	1 50
E. Thurston, one-half day's labor on public landing...	3 00
Blaisdell & Donnell, crosswalk stones.....	144 62
C. H. Davis, freight on stone.....	40 08
Edward Perkins, lumber and teaming.....	5 28
John Ronan, labor with horse and man.....	43 25
John C. Stanley, hardware.....	10 87
L. W. Coker, 4 rattan brooms.....	3 00
J. C. Colman and E. P. Shaw, rent of store.....	21 00
L. D. Wheeler, sharpening tools.....	5 62
P. M. Lougee & Son, stock and labor.....	14 50
Thomas F. Henry, labor.....	13 81
S. H. Thurlow, 1 axe.....	75
E. S. Hidden, laying drain pipe.....	6 00
John McDade, labor.....	33 25
Mrs. Benjamin Hale, contract for gravel.....	25 00

\$5,311 88

PUBLIC PROPERTY.

Appropriation\$6,000 00

CREDITS.

From S. Henry Noyes, sale of 2 clocks	\$	1 25
R. S. Hewlett, 1 year's rent of Winter street landing, to January 1, 1890		5 00
County of Essex, 1 year's rent of police court room, to January 1, 1889....		250 00
George P. Bishop, sale of clock		1 12
R. M. Perley, 1 year's rent of Market street landing, to October 1, 1889		20 00
James C. Colman, use of city jigger ..		2 75
A. J. Teeling, rent of school buildings to October 1, 1889.....		50 00
Jere Cashman, use of city jigger		5 00
City Hall		1,299 00
Burial lots		236 00
		1,870 12
Total appropriation and income	\$	7,870 12
Amount overdrawn, transferred from incidentals to balance accounts		4,319 10
Expenditures	\$	12,189 22

EXPENDITURES.

Authorized by the Committee on Public Property.

JANUARY.

Morris Broderick, service as driver No. 1 double team .	\$46 00
William H. Dow, " " " " 2 " " .	46 00
William F. Stanwood, service as driver No. 3 double team.....	46 00
Albert E. Bray, service as driver No. 1 single team....	42 00
Frank Annis, service as driver No. 2 single team	42 00
George W. Carter, No. 3 single team	42 00
Samuel P. Boardman, service as engineer at market house.....	12 00
Charles W. Thurlow, labor.....	2 10
Cornelius Lynch, "	2 10
Cornelius Kelleher, "	2 45
Frank Buckley, "	1 23
John D. Foley, "	36
John Murphy, "	1 05
John Hale, "	1 05
Joseph W. Choate, "	1 05
John Clifford, "	70
Daniel Cronan, "	35
John W. Sargent, services as stage carpenter.....	22 50
H. H. Landford, horse hire.....	2 00
Frank H. Plumer, bedding steamers No. 2 and 3	22 48
J. Otis Winkley, hay.....	32 05
S. Coker, stock.....	3 63
McGlew Brothers, labor and stock.....	27 60
Jere Cashman, hose at No. 2 engine house 17 days, and bedding	61 11
John F. Bryan, stock and labor.....	20 05
Jere W. Doyle, " "	16 00
John T. Butman, painting city sleds....	18 00
Joseph W. Landford, doctoring horses.....	76 00
Paul Titcomb, corn and oats	15 10
E. Donahoe, stock and labor.....	98 50
Frank E. Davis, stock and labor.....	16 45
Amount carried forward	\$719 91

Amount brought forward,.....	\$719 91
H. J. Plumer & Co., stock and labor.....	12 19
Jackman & Griffin, setting glass.....	2 60
Simon E. Wilson, labor on gun house	73 87
C. R. Sargent, 2 heavy cranks.....	70
Joseph Torrey, stock and labor	12 27
William F. Pearson, fixing lamp, ward room No. 2	50
George E. Noyes, stock	19 75
Jere Kelleher, stock	11 77
William A. Davis & Co., re-covering 4 window awnings	16 00
John C. Stanley, stock	2 35
Thomas P. Mackinney, stock	4 20
C. R. Sargent, stock and labor.....	50 22
Herman Castelhun, 3 months' winding city clocks.....	12 50
Mrs. M. Donahoe, 12 days' work at City Hall	15 00
S. H. Thurlow, stock	3 00
Henry W. Moulton, rent of school rooms	20 00
Todd & Brown, repairing pumps	28 00
Rufus Adams, stock and labor	70 48
Wilkinson Brothers, stock and labor	12 37
William Holker & Co., stock and labor	68 12
S. Coker, stock	90
Charles M. Lunt, teaming.....	77 00
Charles L. Huse, labor	2 50
Charles W. Cook, labor	3 50
William Holker & Co., stock and labor	18 95
E. T. Northend, horse and carriage hire	9 50
L. H. Noyes, stock and labor	6 10
Daniel Canning, stock and labor	11 75
John E. Bailey, stock and labor	86 17
L. H. Noyes, stock and labor	1 00
Edward Perkins, lumber, stock, sawing and teaming ..	8 99
James C. Colman, stock and labor	3 80
L. H. Noyes, stock and labor	3 83
Edward Perkins, stock and labor.....	13 10
F. E. Cutter, stock and labor.....	17 87
Amount carried forward.....	\$1,420 76

Amount brought forward.....;	\$1,420 76
John E. Bailey, stock and labor	18 08
Joseph H. Currier, labor	62 25
C. R. Sargent, stock and labor	123 17
John A. Greeley, stock and labor.....	12 69
John Crowley, carting stone.....	11 00
James C. Colman, stock.....	23 41
Charles L. Huse, painting buildings and signs	22 00
Thomas F. Henry, cutting stone at almshouse	31 50
R. B. Wright, laying cement walks	295 35
	\$2,020 21

FEBRUARY.

Morris Broderick, services as driver No. 1, double team	\$ 46 00
Wm. H. Dow, " " " 2, "	46 00
Wm. F. Stanwood, " " " 3, "	46 00
Albert E. Bray, " " " 1, single team..	42 00
Frank Annis, " " " 2, " ..	42 00
George W. Carter, " " " 3, " ..	42 00
Samuel P. Boardman, services as engineer at Market House	12 00
John W. Sargent, services as stage carpenter	16 25
Frank Buckley, labor.....	1 67
John D. Foley, "	2 28
Jere Sheehan, "	35
Cornelius Kelleher, "	1 23
John McDade, "	53
John Hale, "	26
John Clifford, "	70
Patrick Finnigan, "	70
Daniel Quill, "	53
Daniel Cronan, "	88
Patrick Murphy, "	88
Cornelius Lynch, "	1 23
Thomas Ryan, "	88
John Murphy "	1 41
Amount carried forward,.....	\$305 78

Amount brought forward.....	\$305 78
Paul Titcomb, corn and oats	13 00
W. Lunt Bartlett, drugs and medicines	2 50
E. F. Manning, step and bolts for cart	8 00
J. Otis Winkley, hay for steamers 1, 2, and 3.....	99 48
F. A. Silloway, stock and labor.....	4 95
C. R. Smith, drugs and medicines.....	8 50
F. M. & J. J. McGlew, shoes, rakes and furnace poker..	7 00
Davis & Littlefield, work on school house and City Hall	4 48
Rowe & Fogg, painting and glass setting	22 05
Henry W. Moulton, rent of school rooms	20 00
Edward Osgood, 6 brushes	2 60
Charles R. Sargent, repairing lock	35
Andrew Wilson, labor and stock	14 94
Wilkinson Brothers, labor and stock	20 48
Eli Lamprey, labor.....	2 85
Frank E. Cutter, stock and labor.....	4 47
Todd & Brown, repairing pump on Franklin street	6 00
J. C. Stanley, 4 1-2 lbs. spikes	19
F. E. Davis, stock and labor.....	4 70
Charles L. Huse, repairing settees at City Hall.....	3 00
David Buckley, labor.....	6 00
	\$561 32

MARCH.

Morris Broderick, services as driver No. 1, double team	\$46 00
Wm. H. Dow, " " " 2, "	46 00
Wm. F. Stanwood, " " " 3, "	46 00
Albert E. Bray, " " " 1, single team	42 00
Frank Annis, " " " 2, "	42 00
George W. Carter, " " " 3, "	42 00
Samuel P. Boardman, services as engineer at Market	
House	12 00
John Murphy, labor.....	1 76
Cornelius Kelleher, "	1 58
Frank Buckley, "	1 06
Cornelius Lynch, "	1 23
Amount carried forward.....	\$281 63

Amount brought forward.....	\$281 63
John Hale, labor.....	1 05
Daniel Quill ".....	35
Daniel Cronan, ".....	53
Patrick Murphy, ".....	53
Patrick Finnigan, ".....	53
John Clifford, ".....	70
Thomas Ryan, ".....	1 05
Paul Titcomb, corn, oats and feed.....	6 80
E. F. Manning, stock and labor.....	9 50
Moses K. Noyes, 12 bushels carrots.....	4 20
F. A. Silloway, repairing harness.....	40
Justin Noyes, 1,190 lbs. carrots.....	6 05
Hale Knight, corn, oats, feed, etc.	50 43
J. S. Merrill, hay to steamer No. 2.....	25 07
C. R. Sargent, stock and labor.....	10 15
Joseph W. Pearson, washing City Hall.....	16 00
Charles L. Huse, setting glass at City Hall.....	3 63
L. M. Hatch & Sons, stock and labor.....	4 58
B. G. Gerrish, stock,.....	3 72
Frank E. Davis, stock and labor.....	9 75
Rowe & Fogg, painting ventilator Market House.....	6 60
S. P. Boardman, stock and labor.....	10 70
Albert O. Colby, labor.....	1 45
J. C. Stanley, stock.....	3 31
S. March, 1 package soapine.....	24
A. F. Gilbert, cash paid for electric bells.....	10 05
James W. Gunnison, stock and labor.....	7 74
Calvin P. Hunt, stock.....	7 72
George Ogden, labor.....	6 00
Noyes Brothers, furniture.....	14 10
Frank E. Cutter, stock,.....	50
Thomas P. Mackinney, stock.....	18 46
Charles C. Stockman, 2 tables for City Hall.....	4 00
Thomas & Williams, repairing buildings and stock....	32 63
D. F. Noyes, stock and labor.....	28 10
Amount carried forward.....	\$588 25

Amount brought forward	\$588 25
Eben Rolfe, repairing chair, police station.....	2 05
Henry W. Moulton, rent of school room	20 00
James C. Colman, lumber and cement	15 58
	\$625 88

APRIL.

Morris Broderick, services as driver No. 1, double team	\$46 00
William H. Dow, " " " 2, "	46 00
Wm. F. Stanwood, " " " 3, "	46 00
Albert E. Bray, " " " 1, single team	42 00
Frank Annis, " " " 2, "	42 00
George W. Carter, " " " 3, "	42 00
Samuel P. Boardman, services engineer Market House	12 00
Edward Powers, labor.....	4 03
Daniel Cronan, "	70
John Murphy, "	70
Cornelius Kelleher, "	70
Frank Buckley, "	2 28
John Clifford, "	35
John McDade, "	35
Thomas Ryan, "	35
John Hale, "	1 76
John D. Foley "	2 45
Fred P. Hinckley "	75
Cornelius Lynch "	4 20
Paul Titcomb, oats.....	7 20
William B. Merrill, hay	29 35
J. Otis Winkley, hay	53 07
F. A. Silloway, 2 brooms and combs	2 45
Jere Blake, labor and stock, No. 7 engine house	15 00
H. W. Moulton, rent of school room	20 00
Frank E. Davis, labor and stock	40 37
Samuel M. Gerrish, labor	70 75
John E. Bailey, stock and labor	98 72
James C. Colman, lumber	50 30

Amount carried forward..... \$681 83

Amount brought forward,.....	\$681 83
E. Thurlow, stock and labor.....	2 00
Edward Osgood, 1 duster	1 55
Herman Castelhun, winding and repairing city clocks..	16 25
John Houlehan, washing City Hall	4 00
Jere Cashman, removing contents of cesspool	17 00
Charles M. Lunt, teaming.....	42 00
Charles L. Huse, labor	13 27
Charles W. Cooke, labor	1 50
William Holker & Co., stock and labor	62 21
J. C. Stevens & Son, oil.....	12
George E. Huntley, stock and labor	8 78
L. H. Noyes, stock and labor	8 08
Daniel Canning, stock	4 25
John E. Bailey, stock and labor	23 95
Edward Perkins, stock and labor.....	1 42
	\$888 21

MAY.

Morris Broderick, services as driver No. 1, double team	\$57 50
Albert E. Bray, " " " 1, single team	52 50
Wm. F. Stanwood, " " " 3, double team	57 50
Wm. H. Dow, " " " 2, double team	57 50
Frank Annis, " " " 2, single team	52 50
George W. Carter, " " " 3, single team	52 50
Samuel P. Boardman, services as engineer at Market House	15 00
Daniel Cronan, labor.....	1 05
John Hale, "	7 01
Cornelius Lynch, "	3 51
Frank Buckley, "	1 88
Charles F. Jackman, services as scene shifter	20 00
Cornelius Kelleher, labor	2 28
Daniel Quill, labor.....	1 75
Paul Titcomb, oats.....	20 40
Joseph W. Landford, doctoring horses	14 50
Amount carried forward	\$417 38

Amount brought forward.....	\$417 38
John F. Bryan, stock.....	13 70
William B. Merrill, hay	22 60
J. Otis Winkley, hay.....	33 85
F. A. Silloway, stock.....	6 35
C. R. Sargent, labor on boiler, etc., extra.....	11 85
Brewster Brothers, insurance policy	8 00
Henry W. Moulton, rent of school room.....	20 00
Henry A. Wilson, stock	4 61
S. H. Thurlow, stock	9 37
George E. Bamford, labor at Central Station	12 00
Thomas P. Thomas, labor and stock	29 48
Eben A. Young, labor, stock and teaming.....	4 75
J. C. Stanley, stock	1 02
Edward Perkins, stock and teaming	10 89
Rowe & Fogg, labor	13 50
Charles F. Jackman, services at City Hall.....	17 50
Luther Dame, staking property on Federal street	5 00
George A. Pike, repairing pump No. 2 house.....	1 50
Noyes Mf'g. Co., 2 gas regulators	135 00
Wilkinson Brothers, labor and stock	2 85
News Publishing Company, advertising	25 62

\$806 82

JUNE.

Morris Broderick, services as driver No. 1, double team	46 00
Albert E. Bray, " " " 1, single team	42 00
W. H. Dow, " " " 2, double team	46 00
Frank Annis " " " 2, single team	42 00
Wm. F. Stanwood, " " " 3, double team	46 00
George W. Carter, " " " 3, single team	42 00
Samuel P. Boardman, services as engineer at Market House	3 00
Cornelius Kelleher, labor	1 05
Edward Powers, "	5 60
Patrick Murphy, "	3 15

Amount carried forward \$276 80

Amount brought forward.....	\$276 80
John Hale, labor	70
Chas. W. Thurlow, "	5 25
Daniel Quill, "	1 40
Houlihan Holmes, cleaning at City Hall	9 30
George Phillips, cleaning carpet	3 00
Jere Sheehan, labor	1 06
John Murphy, labor	35
George E. Ross, expenses to Lowell of committee, and extras	21 00
Jere W. Doyle, shoeing horses.....	15 00
John F. Bryan, stock and labor	6 75
George W. Bray, hay.....	28 40
Hub Harness Shop, stock and labor.....	2 35
Patrick Moynihan, stock and labor	72 10
Paul Titcomb, corn and oats.....	13 80
T. P. Mackinney, stock	12 50
Henry C. Plummer, dry goods	11 25
Todd & Brown, repairing pump	75
Frank E. Davis, stock and labor	21 01
George O. Stevens, labor, batteries and supplies.....	90 00
S. M. Gerrish, building fence at Kelley school	9 27
Noyes Brothers, clock	4 50
J. C. Stanley, 2 quarts grass seed.....	50
Newburyport News, advertising.....	5 25
Charles L. Huse, labor	7 61
James C. Colman, stock and teaming	7 37
Edward S. Hidden, stock and labor	74 26
Edward Perkins, 85 cedar posts at 22 1-2 cts.	19 13
S. H. Safford, repairing chairs, settees.....	2 50
William Reddy, mowing grass	3 00
J. C. Stanley, stock.....	3 17
Frank H. Plumer, use of wagon.....	16 00
Asa W. Emerson, cleaning police station	10 00
Geo. W. Noyes, stock and labor at school houses.....	3 25
O. L. Storey, making 126-foot roll.....	6 50
Henry W. Moulton, rent of school room.....	20 00

\$785 08

JULY.

Morris Broderick, services as driver No. 1 double team. .	\$46 00
Wm. H. Dow, " " " 2 " " ..	46 00
Wm. F. Stanwood " " " 3 " " ..	46 00
Albert E. Bray, " " " 1 single " ..	42 00
Frank Annis, " " " 2 " " ..	42 00
Geo. W. Carter " " " 3 " " ..	42 00
John T. Fillmore, labor.	31 50
Daniel Kennedy, "	21 00
Wm. M. Griffith, cutting grass.	3 00
Cornelius Lynch, labor.	3 85
Jere Sheehan, "	3 50
John Hale, "	2 29
Frank Buckley, "	1 94
John D. Foley, "	1 41
Edward Powers, "	1 76
Patrick Murphy, "	2 11
John Clifford, "	53
Cornelius Kelleher "	53
Daniel Cronan, "	35
Paul Titcomb, corn and oats.	19 75
Frank H. Plumer, use of teams, etc.	40 93
Hub Harness Shop, 1 stable broom.	65
Daniel B. Pierce, stock and labor.	25 15
Hale Knight, corn, oats and hay	78 51
E. F. Manning, stock and labor	34 55
John Sumner, 13 gallon oil can, stock and labor	16 60
J. P. Noyes, services as janitor Central Station	18 43
John C. Stanley, paper and coil chain.	35
Rowe & Fogg, painting and setting glass	15 90
James C. Colman, lumber and cartage	12 99
Lovett's Express, expressage	25
Henry W. Moulton, 1 month's rent of school house ..	20 00
Charles R. Sargent, stock and labor.	8 71
Ellen Carey, cleaning paint	3 30
John H. Balch, oil cloth and tacks	6 08

Amount carried forward, \$639 92

Amount brought forward,	\$639 92
Wilkinson Brothers, stock and labor	6 45
D. J. Spinney, labor and stock at City Hall	5 75
Jere Blake, building fence.....	13 00
George W. Noyes, job on engine house.....	85 00
Herman Castelhun, winding, cleaning and repairing clocks	15 60
John T. Fillmore, building fence.....	24 49
Thomas P. Thomas, stock and labor	81 02
John E. Bailey, labor.	75 28
Edward Osgood, 1 duster, one-half dozen cuspadores ..	5 75
Charles F. Jackman, sundry services at City Hall.....	10 00
	\$962 26

AUGUST.

Morris Broderick, services as driver No. 1 double team..	\$ 57 50
William H. Dow, " " " 2 " ..	57 50
Wm. F. Stanwood, " " " 3 " ..	57 50
Albert E. Bray, " " " 1 single team..	52 50
Frank Annis, " " " 2 " ..	52 50
George W. Carter, " " " 3 " ..	52 50
Edward Powers, labor.....	2 99
Jere Sheehan, "	53
Cornelius Lynch, "	2 00
Frank Buckley, "	1 23
Jere Toomey, "	3 33
John D. Foley, "	70
Joseph Choate, "	88
William Reddy, "	3 00
J. C. Blake, hay and bedding.....	6 23
Richard Bray, 3440 lbs. English hay	34 40
C. H. Hanson & Co., deficiency in exchange of horses..	358 00
Hub Harness Shop, 1 card and 1 can oil	50
Paul Titcomb, oats and feed.....	16 86
F. M. & J. J. McGlew, horse shoeing.....	5 25
M. O'Connell, "	9 00

Amount carried forward \$774 90

Amount brought forward,.....	\$774 90
Frank H. Plumer, use of jigger and storage.....	20 00
Charles W. Blake, veterinary attendance.....	39 00
Rowe & Fogg, labor	16 25
M. B. Hinds, dusters and brushes	4 05
Noyes Bros., pillows for steamer No. 1.....	1 25
Geo. W. Noyes, stock and labor	68 00
J. C. Stanley, stock	1 12
Henry W. Moulton, rent of school room.....	20 00
James C. Colman, stock.....	3 98
S. H. Thurlow, "	7 95
Wm. F. Stanwood, labor at engine house	1 50
Charles L. Huse, painting and labor.....	28 45
J. Plumer Noyes, services as janitor Central Station....	12 86
L. H. Noyes & Co., stock and labor	59 21
L. M. Hatch & Co., lumber and teaming.....	9 87
Mrs. Kelley, washing and cleaning	7 50
Henry A. Wilson, stock	2 60
Frank E. Cutter, stock and labor.....	7 26
Wm. H. Johnson, mowing Brown Square and Washing- ton Monument.....	3 00
C. E. Currier, alterations on engine house.....	75 25
	\$1,164 00

SEPTEMBER.

Morris Broderick, services as driver No. 1 double.....	\$ 46 00
Wm. H. Dow, " " " 2 "	46 00
Wm. F. Stanwood, " " " 3 "	46 00
Albert E. Bray, " " " 1 single	42 00
Frank Annis, " " " 2 "	42 00
Geo. W. Carter, " " " 3 "	42 00
W. W. Hutchins, services as driver.....	8 00
W. R. Chase, " "	8 05
John Hale, labor	1 40
Patrick Murphy, "	1 40
Cornelius Lynch, "	7 89
Amount carried forward	\$290 74

Amount brought forward,.....	\$290 74
Frank Buckley, labor	5 26
John D. Foley, "	4 56
Daniel Cronan, "	5 96
Jere Sheehan, "	6 14
Cornelius Kelleher, labor.....	3 85
Joseph W. Choate, "	3 85
Committee on Public Property, expenses to Lowell	15 00
McGlew Bros., stock and labor	69 85
Chas. M. Lunt, English hay	36 00
Hub Harness Shop, stock	3 00
Paul Titcomb, oats and feed	15 23
James M. Woods, stock and labor.....	8 20
Hale Knight, corn, oats, etc....	37 50
Thomas & Williams, repairing roof at City Hall.....	4 60
Wm. H. Johnson, mowing grass.....	3 00
Albert O. Colby, plank and nails.....	3 11
Rowe & Fogg, labor.....	10 84
Moses H. Sargent, stock.....	8 00
John H. Balch, "	24 43
Edward S. Hidden, labor at Purchase st. school house..	5 75
Henry W. Moulton, rent of school house	20 00
Frank E. Cutter, painting and varnishing.....	38 00
Edward Osgood, 4 cuspadores.....	2 10
Fred P. Hinckley, 10 days' whitewashing.....	19 50
J. Plumer Noyes, janitor Central Fire Station.....	13 28
W. Holker & Co., stock and labor.....	121 40
L. W. Coker, stock.....	1 72
	\$780 87

OCTOBER.

Morris Broderick, services as driver No. 1 double team..	\$57 50
Wm. H. Dow, " " No. 2 " ..	57 50
Wm. F. Stanwood, " " No. 3 " ..	57 50
Albert E. Bray, " " No. 1 single team ..	52 50
Frank Annis, " " No. 2 " ..	52 50
Amount carried forward	\$ 277 50

Amount brought forward,.....	\$277 50
Geo. W. Carter, services as driver No. 3 single team...	52 50
Warren W. Hutchins, services as driver.....	16 00
William R. Chase, services as driver	8 00
Cornelius Lynch, labor.....	1 05
Jere Sheehan, "	1 05
John D. Foley, "	3 16
Frank Buckley "	3 16
Edward Powers, "	88
John Murphy, "	53
Cornelius Kelleher, "	53
Parker M. Lougee & Son, stock and labor.....	8 75
Paul Titcomb, corn, oats and feed	22 03
M. H. Chase, stock and labor.....	10 10
Edward F. Manning, stock and labor	24 25
Poor Department, hay	76 50
W. B. Merrill, hay	68 47
Hub Harness Shop, 1 can oil and 1 can dressing	1 10
James W. Gunnison, stock and labor	2 65
Vermont School Seat Co., seats	82 73
Charles W. Page, freight on school seats	8 42
Henry W. Moulton, rent of school rooms	20 00
Herman Castelhun, winding city clocks and extra paid..	15 75
Frank E. Cutter, stock and labor.....	10 60
Mary Connors, washing at City Hall 57 hours.....	6 30
J. Plummer Noyes, services as janitor at Central Station	12 86
C. R. Sargent, stock and labor.....	5 25
Marriner P. Goodwin, repairing clocks	7 00
A. J. Leighton, carting lawn mower	30
Aaron D. Woods, stock and labor	35 98
Albert O. Colby, 3 days' labor at Purchase street school house.....	5 00
Wilkinson Brothers, stock and labor	4 60
S. H. Thurlow, stock,	7 84
Eagle Chemical Co., Eagle Mill powder barrel	31 00
Gowen Dockum, use of field for militia.....	20 00
Amount carried forward	\$852 04

Amount brought forward,.....	\$852 04
Noyes Brothers, furniture	2 35
Charles L. Huse, labor and stock.....	54 32
Thomas F. Henry, labor	13 00
James C. Colman, lumber and teaming	28 54
Edward Perkins, lumber and teaming.....	37 08
John H. Balch, 8 curtains	8 48
Albert Russell & Sons, stock and labor	15 40
George W. Noyes, changing and repairing doors.....	28 00
F. E. Davis, stock and labor	32 69
Charles F. Jackman, services at City Hall stage.....	16 25
John Sumner, stock and labor	36 51
Charles C. Stockman, stock, furniture, etc.	98 25
C. M. Lunt, cleaning vaults	47 50
Edward Perkins, stock.....	8 96
S. H. Thurlow, stock	80
	\$1,280 17

NOVEMBER.

Morris Broderick, services as driver No. 1 double team	\$ 46 00
William H. Dow, " " 2 "	46 00
William F. Stanwood, " " 3 "	46 00
Albert E. Bray, " " 1 single team	42 00
Frank Annis, " " 2 "	42 00
George W. Carter, " " 3 "	42 00
Frank Buckley, labor.....	6 67
John D. Foley, "	2 99
Cornelius Kelleher "	35
Daniel Cronan, "	35
Patrick Murphy, "	35
John Hale, "	35
Daniel Quill, "	35
Edward Powers, "	35
Jeremiah Toomey, "	35
Jeremiah Sheehan, "	35
Paul Titcomb, corn and oats.....	20 25

Amount carried forward.....\$ 296 71

Amount brought forward,.....	\$296 71
Jere Cashman, use of horses.....	18 00
J. W. Doyle, shoeing horses.....	10 00
M. O'Connell, ".....	7 00
Poor Department, hay	38 85
Hub Harness Shop, supplies	40
Charles F. Jackman, services at City Hall stage	18 75
Charles R. Smith, medicines, etc.	19 62
Charles W. Page, freight paid.....	2 20
Frank E. Davis, stock and labor	71 59
J. C. Stanley, supplies	1 60
Edward S. Hidden, stock and labor.....	29 67
Eben Rolfe, repairing school desk	4 00
James C. Colman, sundry supplies.....	15 56
Lord Brothers, stock.....	2 91
Globe Furniture Co., 15 desks.....	47 84
J. P. Noyes, services as janitor Central Fire Station....	13 29
Vermont School Seat Co., 6 single seats.....	11 00
B. G. Gerrish, stock, labor, etc.	5 30
B. G. Gerrish, 2 mats.....	4 00
Henry W. Moulton, rent of school house.....	20 00
Frank E. Cutter, stock and labor.....	20 00
Todd & Brown, stock and labor.....	3 20
William H. Huse & Co., printing and advertising.....	18 88
	\$680 37

DECEMBER.

Morris Broderick, services as driver No. 1.....	\$ 69 00
William H. Dow, " " 2 double team	69 00
Wm. F. Stanwood, " " 3 "	69 00
Albert E. Bray, " " 1 single team	63 00
Frank Annis, " " 2 "	63 00
George W. Carter, " " 3 "	63 00
Edward Powers, labor	70
John Clifford, "	35

Amount carried forward,..... \$397 05

Amount brought forward,....	\$397 05
Charles W. Thurlow, labor.....	70
Peter Young, ".....	70
William R. Chase, ".....	8 00
Frank Buckley, ".....	4 74
John D. Foley, ".....	4 74
Jeremiah Toomey, ".....	35
Jeremiah Sheehan, ".....	35
Cornelius Kelleher, ".....	35
Paul Titcomb, 17 bags of oats.....	13 60
Poor Department, hay.....	39 15
Hale Knight, corn, oats, etc.....	69 34
McGlew Brothers, horse shoeing and repairing.....	15 95
Frank H. Plumer, use of teams and teaming.....	20 23
Daniel B. Pierce, sundries.....	31 94
C. C. Stockman, ".....	26 00
Hub Harness Shop, stock and labor.....	6 10
John Sumner, stock.....	33 21
Charles L. Huse, setting lights.....	5 55
Charles L. Jackman, services at City Hall stage.....	23 75
John H. Pray Sons Co., carpet for City Hall stage....	40 47
John E. Bailey, re-fitting ward rooms.....	327 00
Edward Perkins, lumber.....	5 58
S. M. Gerrish, stock and labor.....	27 58
Rufus Adams, ".....	107 90
Frank E. Cutter, ".....	6 75
William H. Toppan, labor.....	3 35
Edward Osgood, sundries.....	8 45
Mrs. Carey, cleaning City Hall.....	12 80
James C. Colman, lumber.....	7 56
Green Davis, labor and stock.....	33 93
Noyes Brothers, stock.....	13 00
William C. Plummer, 1 water tank.....	5 00
Henry W. Moulton, 1 month's rent school rooms.....	20 00
J. Plummer Noyes, services as janitor.....	12 86
John E. Bailey, labor.....	254 62
Amount carried forward,.....	\$1,588 65

Amount brought forward.....	\$1,588 65
William A. Johnson, stock.....	5 72
T. P. Mackinney, ".....	9 83
J. C. Stanley, ".....	1 78
John H. Balch, 11 yards matting, tacks and labor.....	4 84
L. H. Noyes & Co., painting.....	21 71
E. E. Towne, sundries.....	1 50

\$1,634 03

RECAPITULATION.

Bills paid in January.....	\$ 2,020 21
“ “ “ February.....	561 32
“ “ “ March.....	625 88
“ “ “ April.....	888 21
“ “ “ May.....	806 82
“ “ “ June.....	785 08
“ “ “ July.....	962 26
“ “ “ August.....	1,164 00
“ “ “ September.....	780 87
“ “ “ October.....	1,280 17
“ “ “ November.....	680 37
“ “ “ December.....	1,634 03

Total expenditures for the year ending Dec. 21, 1889.. \$12,189 22

DAY AND NIGHT POLICE.

Appropriations\$9,000 00

CREDITS.

From E. F. Bartlett, clerk of police court, fees.....	\$ 822 18
County treasurer, fees	1,394 40
	\$2,216 58
Total appropriation and income	\$11,216 58
Amount overdrawn transferred from incidentals to bal- ance accounts.....	1,163 57
Expenditures	\$12,380 15

EXPENDITURES.

Authorized by the Committee on Police.

Asa W. Emerson, services as city marshal 10 1-2 months, and extras.....	\$ 944 41
Edward E. Taylor, services as assistant city marshal...	895 43
George B. Hicken, services as city marshal 1 1-2 months	140 56
Amount carried forward.....	\$1,980 40

Amount brought forward	\$1,980 40
Samuel W. Tuck, services as captain of the watch...	956 75
Robert C. Bragg, " patrolman.....	746 00
Bartholomew Sheehan, " "	748 00
Lemuel Hicken, " "	772 00
Patrick Creeden, " "	772 00
Seth Young, " "	769 00
Henry J. Hidden, " "	778 00
George J. Ross, " "	779 00
James W. Merritt, " "	771 00
Joseph H. Post, " "	773 00
William H. Pike, " "	773 00
Charles H. Bartlett, " "	64 00
James Martin, " "	431 00
Joseph M. Tappan, " "	27 75
Albert D. Hale, " "	621 00
Alex. H. Libbey, " "	70 00
William V. Hewlett, " "	99 00
W. Lunt Bartlett, medicine.....	1 00
George Butler, pilot bread.....	69 72
William P. Jones, repairing badges.....	1 00
Telephone Company, use of telephone.....	63 75
J. M. Bacheller, use of teams for police	3 50
Samuel P. Boardman, care of court room	13 41
J. N. Frost, ice.....	7 50
Carl Castelhun, chloral solution.....	1 00
Union Telegraph Co., telegrams	4 82
Samuel March, groceries.....	53 65
George H. Pearson, stationery	15 55
News Publishing Co., printing.....	17 95
Moses H. Sargent, books and stationery	4 54
H. G. Johnson, legal services.....	40 00
S. H. Fowle, papers and stock	17 02
S. Levy, (postmaster), postage stamps	1 25
William R. Johnson, milk at police station.....	14 82

Amount carried forward.....\$12,261 38

Amount brought forward.....	\$12,261 38
J. Plummer Noyes, janitor at court room	13 52
Dr. J. J. Healey, professional services.....	2 00
S. C. Reed, photographs of burglars	6 00
William H. Huse & Co., printing and advertising.....	6 75
J. M. Greenough, use of team for police.....	3 75
Joseph M. Tappan, services at City Hall.....	86 75
	\$12,380 15

INCIDENTAL DEPARTMENT.

Appropriation.....	\$ 500 00
Appropriation deficiency for year 1888	18,015 36
	\$18,515 36

CREDITS.

From city clerk, fees from marriage licenses for year 1889		\$ 79 50
From city clerk, recording mortgages, as- signments, etc., in year 1889....		50 77
city clerk, issuing and recording li- quor licenses for year 1889.....		18 00
city clerk, sundry licenses.....		125 00
Almshouse land sold.....		5,187 00
Greenleaf street property sold		605 00
Market street landing sold.....		1,675 00
Ferry landing sold		1,250 00 ✓
Market landing sold.....		125 00 ✓
County of Essex, on account of wid- ening Water street		900 00
Income account, balance of corpora- tion for year 1888.....		1,800 52
		\$11,815 79
From income account, transferred.....		4,488 87
		16,304 66
Total appropriation and income.....		\$34,820 02

Amount brought forward.....		\$34,820 02	
Transferred from salaries ..		\$253 47	
“ Public Library.....		78 51	
“ sidewalks and edgestones		354 05	
“ board of health		208 73	
“ water supply		205 00	
“ interest.....		82 95	
“ abatement tax of 1889 ..		545 58	
			1,728 29
			<u>\$36,548 31</u>
Transferred to poor department.....		\$ 1,007 68	
“ school “		1,671 73	
“ fire “		1,166 59	
“ highway “		1,171 21	
“ public property.....		4,319 10	
“ police		1,163 57	
“ lighting streets, etc.....		479 48	
“ fuel.....		1,152 78	
“ bridges and culverts		386 05	
“ ashes and rubbish		4 58	
“ printing		118 09	
“ abatement tax of 1886....		191 94	
“ “ 1887....		1,230 77	
“ “ 1888....		1,272 24	
“ military aid		392 00	
			<u>\$15,727 81</u>
			<u>\$20,820 50</u>
Transferred to abatement tax of 1884 ..		\$509 60	
“ armory rents		550 00	
“ balance overdrawn, 1888		23,213 36	
Expenditures as per statement below		6,613 80	
			<u>30,886 76</u>
Balance overdrawn for year 1889		\$10,066 26	

EXPENDITURES.

Authorized by the City Council.

JANUARY.

H. H. Landford, horse hire	\$ 8 50
James C. Colman, stock.....	14 81
S. H. Thurlow, stock.....	1 07
E. T. Northend, carriage hire	12 00
L. H. Noyes, stock and labor	3 15
Daniel Canning, stock and labor	4 25
John E. Bailey, stock and labor	3 00
Edward Perkins, stock and teaming.....	2 42
Jackman & Griffin, labor on Oak street	5 00
George E. Huntley, labor on Oak street.....	110 06
C. H. Meader, labor on Franklin street	2 11
Sampson, Murdock & Co., 8 city directories	16 00
George W. Snow, professional services	12 50
James J. Healy, return of births	20 25
Lovett's Express, expressage.....	95
H. H. Landford, horse hire	16 00
U. S. post office, postage stamps.....	25 00
Gillett & Co.'s Express, expressage.....	3 35
Telephone Co., use of telephone	5 00
Andrew H. Pettingell, 2 months' services as harbor master	50 00
Joseph Bartlett, 2 months' services as fish warden	12 50
Jere Kelleher, labor Mrs. Mackinney's cellar.....	3 00
Henry R. Weitzel, death returns.....	15 50
John Huse, services as city sealer	9 00
Automatic Bank Punch Co., 1 bank punch.....	36 00
Western Union Telegraph Co., telegrams	2 09
Newburyport Despatch, expressage	1 40
Joshua L. Chase, services as warden.....	5 00
William G. Somerby, " clerk.....	5 00
John L. Lewis, " inspector	5 00
Hubbard Getchell, " inspector	5 00
Amount carried forward	<u>\$414 91</u>

Amount brought forward.....			\$414 91
Walter H. Delano,	services as	deputy warden	2 50
B. F. Stanley,	"	deputy inspector ..	2 50
George A. Coffin,	"	deputy inspector....	2 50
George A. Pearson,	"	warden	5 00
Henry Martin,	"	clerk	5 00
Gilbert A. Noyes,	"	inspector	5 00
S. S. McQuillen,	"	inspector	5 00
Luther Carter,	"	deputy warden	2 50
Charles A. Peabody,	"	deputy clerk	2 50
Cyrus A. Haskell,	"	deputy inspector....	2 50
William C. O'Connell,	"	deputy inspector....	2 50
Edwin Currier,	"	warden, two elections	10 00
Joseph L. Johnson,	"	clerk, two elections..	10 00
George W. Craig,	"	inspector and dep- uty inspector	7 50
Charles A. Stockman,	"	inspector	10 00
Winthrop S. Low,	"	inspector and dep- uty inspector	7 50
William T. Dodge,	"	deputy warden.....	5 00
William H. Welch,	"	deputy clerk two elec- tions.....	5 00
Samuel F. Sargent,	"	deputy inspector....	5 00
John Burke,	"	warden.....	5 00
Joseph L. Dockam,	"	clerk	5 00
Samuel J. Ford,	"	inspector	5 00
Isaac Poor, Jr.,	"	inspector	5 00
Charles W. Thurlow, Jr.,	"	deputy warden	2 50
J. C. M. Blaisdell,	"	deputy clerk	2 50
Fred L. Macintosh,	"	deputy inspector....	2 50
William J. Pettengill,	"	deputy inspector....	2 50
Daniel T. Reed,	"	warden.....	5 00
John C. Kimball,	"	clerk.....	5 00
William A. Little,	"	inspector....	5 00
James P. Walsh,	"	inspector.....	5 00
William A. Davis,	"	deputy warden	2 50
Amount carried forward			\$564 91

Amount brought forward.....	\$564 91
Selwyn C. Reed, services as clerk.....	2 50
Howard P. Carrier, " deputy inspector....	2 50
Moses E. Cooke, " warden.....	5 00
John L. Lang, " clerk.....	5 00
Alfred Osgood, " inspector.....	5 00
Thomas Humphreys, " inspector.....	5 00
Moses A. Stevens, " deputy warden	2 50
George P. Greenleaf, " deputy clerk	2 50
Abner W. Porter, " deputy inspector ..	2 50
Fred S. Goodwin, " deputy inspector ..	2 50
Samuel Pearson, " janitor ward 2 room	8 00
J. M. Bailey, ringing bell	1 50
F. H. Rundlett, ringing bell.....	2 00
Stephen R. Fox, ringing bell	2 00
L. Mannix, teaming.....	8 90
A. L. Jackson, ringing bell 4 times.....	6 00
Charles H. Lunt, ringing bell two elections	2 00
Charles H. Stanwood, services at ward room.....	8 00
A. W. Thompson, sundries	18 47
John Burke, repairing ballot boxes	2 50
Samuel P. Boardman, labor at ward room	7 00
Charles E. Ash, services at ward room.....	13 13
Board of registrars, services rendered the city	300 00
Ernest W. Bowditch, professional services.....	400 00
Lemuel C. Lord, contract widening Water street.....	800 00
William H. Johnson, extra services	25 00
Miriam Stickney, land taken widening Water street....	100 00
Simon E. Wilson, labor on Oak street.....	15 00
James Morton, labor on Oak street.....	10 00
William Thurlow, labor on Oak street	6 00

\$2,335 41

FEBRUARY.

Charles L. Huse, painting street signs	\$ 4 00
Eunice Dorman, damage of land on Franklin street....	40 00
A. J. Haynes, printing	5 00
Harriet Griffin, damage of land on Franklin street	25 00
Sarah S. Page, " " " 	25 00
Nathaniel N. Jones, fees on Creeden case.....	63 55
John Huse, surveying wood	4 55
Fogg & Co.'s Express, expressage	2 00
Joseph C. Lunt, care of ward room and death returns ..	18 75
Andrew H. Pettengill, 21 days' service as harbor master	18 69
M. R. Warren, 1 ledger,.....	8 50
E. W. Bowditch, professional services preparing sewer- age.....	350 00
S. Levy (postmaster), box rent.....	1 00
Western Union Telegraph Co., telegrams	2 51
William H. Johnson, posting check list and carrying bal- lot boxes	10 00
Charles W. Stiles, return of births	2 75
E. P. Hurd, return of births.....	3 75
H. F. Adams, reporting births	3 00
Telephone Co., use of telephone	4 75
	\$592 80

MARCH.

M. H. Sargent, stock	\$ 11 75
C. C. Dame, professional services and expenses	15 00
Telephone Co., use of telephone	5 20
American Express Co., expressage	70
Gillett & Co.'s Express, " 	1 90
Fogg & Co.'s Express, expressage	15
Ernest H. Noyes, reporting births	50
Corliss, Macy & Co., text books	18 75
Luther Dame, surveying for new street	8 00
Rockwell & Churchill, 500 copies Australian ballot laws	7 50
Joseph Bartlett, 2 months' services as fish warden	12 50
Amount carried forward,.....	\$81 95

Amount brought forward.....	\$81 95
Charles H. Lunt, ringing bell	3 00
S. R. Fox, "	3 00
J. M. Bayley, "	3 00
George W. Pray, "	2 00
F. H. Rundlett, "	3 00
N. N. Jones, professional services and expenses.....	65 59
	\$161 54

APRIL.

George H. Stevens, expenses to Boston and cash paid for collections	\$27 50
John Huse, rent of office for weights, etc.	9 00
M. R. Stiles, 1 copying book.....	3 00
S. H. Fowle, papers.....	11 00
George W. Worcester, return of births	4 50
Telephone Co., use of telephone	4 25
Lovett's Express, expressage.....	1 05
American Express Co., expressage	65
James V. Felker, expenses to Boston	3 00
	\$63 95

MAY.

News Publishing Co., printing	\$11 25
Joseph Bartlett, 2 months' services as fish warden.....	12 50
S. R. Fox, ringing bell for election	3 00
William H. Johnson, serving warrants, etc.	5 00
L. Mannix, moving ballot boxes	2 00
Samuel Pearson, services in ward 2 room.....	3 00
Charles E. Ash, cleaning ward 5 room, etc.....	5 00
John Burke, work on ballot boxes	2 00
J. M. Bayley, ringing bell	3 50
Charles H. Lunt, ringing bell	3 00
Moses E. Cooke, services as warden	5 00
John C. Lang, " clerk.....	5 00
Moses Pettengill, " teller	5 00
Amount carried forward	\$65 25

Amount brought forward,	\$65 25
William T. Humphreys, services as teller.....	5 00
Moses A. Stevens, " deputy warden	2 50
George P. Greenleaf " deputy clerk	2 50
Thomas B. Robbins, " vote distributor	5 00
William E. Thurlow, " vote distributor	5 00
John Burke, " warden.....	5 00
Joseph L. Dockam, " clerk.....	5 00
Samuel J. Ford, " teller.....	5 00
Harry W. Bayley, " teller.....	5 00
Hiram P. Macintosh, " vote distributor	5 00
Charles T. Tobin, " vote distributor	5 00
Daniel T. Reed, " warden.....	5 00
John W. Sargent, " clerk	5 00
Howard P. Currier, " teller.....	5 00
William I. Austin, " teller.....	5 00
William A. Davis, " deputy warden	2 50
John C. Kimball, " deputy clerk	2 50
George E. Newcome, " vote distributor	5 00
Joseph M. Tappan, " vote distributor	5 00
William J. Creasey, " warden.....	5 00
Joseph L. Johnson, " clerk	5 00
Charles L. Huse, " teller	5 00
Charles S. Post, " teller	5 00
Edwin Currier, " deputy warden	2 50
William H. Welch, " deputy clerk	2 50
Albert R. Patten, " vote distributor	5 00
Andrew J. Haynes " vote distributor	5 00
George A. Pearson, " warden.....	5 00
Henry Martin, " clerk	5 00
Michael O'Connell, " teller.....	5 00
Gilbert A. Noyes, " teller.....	5 00
Luther Carter, " deputy warden	2 50
John C. Stanley, " vote distributor	5 00
John A. Cooper, " vote distributor	5 00
Joshua L. Chase, " warden.....	5 00

Amount carried forward \$222 75

Amount brought forward.....	\$222 75
William G. Somerby, services as clerk	5 00
John L. Lewis, " teller	5 00
Hubbard Getchell, " teller	5 00
Benjamin F. Stanley, " vote distributor	5 00
Frank B. Ives, " vote distributor	5 00
Samson Levy (postmaster), box rent	1 00
Telephone Co., use of telephone	6 40
Lovett's Express, expressage	55
Gillett's Express, expressage	1 55
American Express Co., expressage	1 15
J. H. Jacobs, one half pound of rubber bands	1 75
Abbie P. Noyes, for land from almshouse lot to Lime street.....	600 00
S. Levy (postmaster), stamps	25 00
Frank Buckley, labor	1 75
	\$886 90

JUNE.

P. B. Murphy, 300 dog licenses.....	\$ 3 00
N. N. Jones, professional services and travelling ex- penses	42 14
Hayes & Arnold, 5 boxes pens	7 50
C. H. Stanwood, services in ward room	5 00
American Express Co., expressage	6 25
John F. Young, birth returns	3 25
A. L. Jackson, ringing bells several times	8 00
Troy Rubber Stamp Co., rent of inspector's office.....	11 00
John Huse, stamps, electrotype, etc.	4 20
J. J. Jones, 1 dozen cork pen holders.....	1 50
George W. Pray, ringing bell	3 00
F. H. Rundlett, ringing bell.....	3 00
S. Levy (postmaster), postage stamps.....	3 00
Mrs. Jacob Hodgkins, for injuries received on highway	75 00
	\$175 84

JULY.

Telephone Co., use of telephone	\$ 9 75
Moses H. Sargent, stationery	7 75
John E. Bailey, making estimates of building	2 00
Charles R. Fogg's Express, expressage	60
Gillett & Co.'s Express, expressage.....	1 90
James W. Gunnison, services and cash paid	20 70
American Express Co., expressage	1 05
Alfred Wheeler, death returns	1 00
James V. Felker, expenses to Boston.....	2 50
Hiram P. Macintosh, juror at fire inquest.....	3 16
Moses Pettingell, " "	3 16
Isaac Poor, " "	3 16
Daniel C. Batchelder, " "	3 16
Fred A. Kezer, " "	3 16
Benjamin G. Davis, " "	3 16
Mrs. Annie Ryan, witness " "	60
Lewis H. Short, " "	60
Mrs. Hattie Short, " "	60
Daniel Ryan, Jr., " "	60
Mamie A. Ryan, " "	60
Edmund S. Johnson, " "	60
Maud H. Arey, stenographer " "	4 00
A. G. Reynolds (treasurer), horse railroad transportation	1 00
J. V. Felker (city treasurer), disbursing State aid, 6 mos.	50 00
	\$124 81

AUGUST.

Lovett's Express, expressage	\$ 1 15
Luther Dame, survey and plan of city landing	15 00
Western Union Telegraph Co., telegrams	1 49
Telephone Co., use of telephone	6 25
Joseph Bartlett, 3 months' services as fish warden	18 75
American Express Co., expressage.....	2 10
M. H. Sargent, stationery	6 09
Amount carried forward,.....	\$50 83

Amount brought forward,	\$50 83
Samson Levy (postmaster), box rent	1 00
George H. Pearson, stationery	28 56
Corliss, Macy & Co., claims allowed book and mort- gage record	22 50
M. R. Warren, cash book and ledger	12 75
Charles H. Lunt, ringing bell	3 00
John Connors, " 3 times	8 00
James W. Fenimore, "	3 00
George W. Pray, "	3 00
Joseph C. Lunt, " death returns and ward room care	20 25
F. H. Rundlett, "	3 00
Joseph M. Bailey, "	3 00
	\$158 89

SEPTEMBER.

Lovett's Express, expressage	\$ 30
Corliss, Macy & Co., engraving bonds	75 00
Charles F. Haynes, printing 3000 abatement orders	7 50
William H. Johnson, distributing tax bills	50 00
Samuel H. Safford, death returns	23 50
M. R. Warren, 2000 collectors' warrants, cash book	16 75
James V. Felker, expenses to Boston	2 50
S. Levy (postmaster), postage stamps	20 00
	\$195 55

OCTOBER.

Western Union Telegraph Co., telegrams	\$ 95
Jere Cashman, cleaning of vaults	18 00
Noyes Brothers, furniture	98 80
Boston Daily Advertiser, advertising for bonds	15 30
Gillett & Co., expressage	90
American Express Co., expressage	75
Maud H. Arey, services as stenographer	5 00
Amount carried forward	\$139 70

Amount brought forward.....	\$139 70
Charles R. Fogg, expressage.....	90
Charles H. Stanwood, 1 caucus	1 00
James W. Gunnison, 3 months' office rent and expenses	11 95
Nathaniel N. Jones, professional services and expenses	17 01
J. P. Noyes, janitor court room.....	1 00
Nathaniel P. Sharpless, express paid	15
Telephone Co., use of telephone	11 35
Estate Hiram A. Young, abatement of tax, paid by error	37 00
Board of Assessors, copying books	180 00
Lovett's Express, expressage.....	50
James V. Felker, expenses to Boston twice, city bonds	5 00
E. S. Dole, special appropriation for Labor Day.....	350 00
Assessors and collector, assessing and collecting bank tax	120 10
Albert Russell & Sons, stock and labor on reservoir at pond.....	5 61
Jere Kelleher, stock and labor on reservoir at pond	7 50
	\$888 77

NOVEMBER.

J. Q. Bradish & Co., pens.....	\$ 1 20
Western Union Telegraph Co., telegram.....	33
S. H. Fowle, newspapers	7 00
J. M. Greenough, horses and carriages	19 50
C. H. Stanwood (S.), attendance at caucus	1 00
S. Levy (postmaster), rent of post office box.....	1 00
American Express Co., expressage	15
Telephone Co., use of telephone	5 85
Joseph Bartlett, 3 months' services as fish warden	18 75
William H. Bayley, 1 floral broken column.....	15 00
J. L. Fairbanks & Co., tally sheets for election.....	4 00
J. P. Noyes, lighting and cleaning court room.....	1 00
Andrew J. Haynes, expenses to Boston twice	8 00
George J. L. Colby, expenses to Boston.....	4 00
R. H. Smith Manufacturing Co., rubber stamps	7 80
George H. Stevens, cash paid for express.....	65

Amount carried forward.....	\$95 23
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Amount brought forward.....	\$ 95 23
William H. Huse & Co., printing and advertising.....	230 75
News Publishing Co., printing and advertising.....	79 90
S. Levy (postmaster), postage stamps.....	12 00
Board of Assessors, copying valuation books.....	225 00
George Montgomery, return of births 87-88	10 00
	\$652 88

DECEMBER.

L. H. Noyes & Co., stock and labor.....	\$2 55
J. Plummer Noyes, services rendered.....	1 00
American Express Co., expressage.....	55
Moses E. Cooke, services as warden.....	5 00
John C. Lang, " clerk.....	5 00
Thomas Humphreys, " inspector.....	5 00
Abner W. Porter, " inspector.....	5 00
Moses A. Stevens, " deputy warden	2 50
George P. Greenleaf, " deputy clerk	2 50
Fred S. Goodwin, " deputy inspector....	2 50
Andrew H. Pettingell, " inspector.....	5 00
Charles C. Donnell, " inspector.....	5 00
William B. Porter, " deputy inspector....	2 50
Moses Pettingell, " deputy inspector....	2 50
John Burke, " warden.....	5 00
Harry W. Bayley, " clerk.....	5 00
Charles W. Page, " inspector.....	5 00
Samuel J. Ford, " inspector.....	5 00
H. P. Macintosh, " inspector.....	5 00
Isaac Poor, Jr., " inspector.....	5 00
Charles W. Thurlow, Jr., " deputy warden	2 50
J. C. M. Blaisdell, " deputy clerk	2 50
Charles T. Smith, " deputy inspector....	2 50
Allen D. Pettingell, " deputy inspector....	2 50
George Osgood, " deputy inspector....	2 50
George O. P. Greeley, " deputy inspector....	2 50
Amount carried forward,	\$91 60

Amount brought forward,.....		\$91 60
Sylwyn C. Reed,	services as warden.....	5 00
John W. Sargent,	“ clerk.....	5 00
William A. Little,	“ inspector.....	5 00
James P. Walsh,	“ inspector.....	5 00
John C. Kimball,	“ deputy warden.....	2 50
William A. Davis,	“ deputy clerk.....	2 50
George W. Manser,	“ deputy inspector....	2 50
Caleb N. Huse,	“ deputy inspector....	2 50
H. P. Currier,	“ inspector.....	5 00
Joseph M. Tappan,	“ inspector.....	5 00
Frank Frost,	“ deputy inspector....	2 50
Edward A. Hale,	“ deputy inspector....	2 50
William J. Creasey,	“ warden.....	5 00
Joseph L. Johnson,	“ clerk.....	5 00
Winthrop S. Low,	“ inspector.....	5 00
Charles A. Stockman,	“ inspector.....	5 00
Edwin Currier,	“ deputy warden.....	2 50
William H. Welch,	“ deputy clerk.....	2 50
Samuel E. Sargent,	“ deputy inspector....	2 50
Charles L. Huse,	“ deputy inspector....	2 50
John H. Balch, Jr.,	“ inspector.....	5 00
Berkeley Johnson,	“ inspector.....	5 00
Fred A. Kezer,	“ deputy inspector....	2 50
George W. Craig,	“ deputy inspector....	2 50
George A. Pearson,	“ warden.....	5 00
Henry Martin,	“ clerk.....	5 00
Gilbert A. Noyes,	“ inspector.....	5 00
Michael O'Connell,	“ inspector.....	5 00
Luther Carter,	“ deputy warden.....	2 50
Charles A. Peabody,	“ deputy warden.....	2 50
Edward S. Stickney,	“ deputy inspector....	2 50
T. W. Cogger,	“ deputy inspector....	2 50
S. H. Johnson,	“ inspector.....	5 00
William H. P. Howard,	“ inspector.....	5 00
Cyrus A. Haskell,	“ deputy inspector....	2 50
Amount carried forward		\$224 10

Amount brought forward,.....	\$224 10
J. E. S. Hart, services as deputy inspector....	2 50
Joshua L. Chase, " warden.....	5 00
John G. Somerby, " clerk.....	5 00
E. H. McConnell, " inspector	5 00
John L. Lewis, " inspector	5 00
W. H. Delano, " deputy warden	2 50
W. E. Butterfield, " deputy clerk.....	2 50
H. Getchell, " deputy inspector....	2 50
George A. Coffin, " deputy inspector...	2 50
Benjamin F. Stanley, " inspector	5 00
Frank B. Ives, " inspector	5 00
John M. Chase, " deputy inspector....	2 50
Charles D. Pettigrew, " deputy inspector...	2 50
J. M. Bailey, ringing bells,	1 00
John Burke, work on ballot boxes.....	1 50
J. Plummer Noyes, lighting and cleaning court room ..	2 00
Charles E. Ash, attendance at caucus	8 00
C. H. Stanwood, " "	6 00
S. Pearson, " "	10 00
William H. Johnson, posting check lists and transport- ing ballot boxes	7 00
M. H. Sargent, sundries,	28 26
T. P. Mackinney, 1 tape measure.....	1 85
Luther Davis, duplicate plan of Water street widening..	4 30
Telephone Co., rent of telephone.....	6 90
William Allen & Co., 1 printed book	8 50
James V. Felker, expenses to Boston	2 50
A. W. Thompson, sundries	4 65
George H. Newton, 1 Packard gold pen and holder....	3 40
N. Morse, labor	9 00

\$376 46

RECAPITULATION.

Bills paid in January.....	\$ 2,335 41
“ “ “ February	592 80
“ “ “ March.....	161 54
“ “ “ April	63 95
“ “ “ May	886 90
“ “ “ June	175 84
“ “ “ July.....	124 81
“ “ “ August	158 89
“ “ “ September	195 55
“ “ “ October.....	888 77
“ “ “ November	652 88
“ “ “ December	376 46

Total expenditures for the year ending Dec. 21, 1889 ...\$6,613 80

SALARIES OF CITY OFFICERS.

Appropriation	\$7,300 00
Amount undrawn, transferred to incidentals to balance accounts	\$ 253 47
Expenditures.....	<u>\$7,046 53</u>

EXPENDITURES.

Authorized by the City Council.

Albert C. Titcomb, salary as mayor 11 months	\$ 733 33
James V. Felker, " city treasurer and collector	1,600 00
George H. Stevens, " city clerk.....	1,591 67
William H. Johnson " city messenger.....	900 00
H. F. Adams, " city physician.....	350 00
N. N. Jones, " city solicitor.....	304 17
Edward Burrill, " city auditor 15 months	267 36
Thomas E. Cutter, " clerk of common council ..	100 00
Joseph L. Johnson, " assessor	400 00
Andrew J. Haynes, " "	400 00
George J. L. Colby, " "	400 00
Total expenditure for the year ending Dec. 21, 1889....	<u>\$7,046 53</u>

FUEL DEPARTMENT.

Appropriation	\$5,000 00
Amount overdrawn, transferred from incidentals to balance account.....	1,152 78
Expenditures	<u>\$6,152 78</u>

EXPENDITURES.

Authorized by the Committee on Fuel.

E. P. Shaw and J. C. Colman, 6 months' rent of coal shed	\$ 144 00
John Huse, surveying charcoal.....	3 23
Orrin G. Davis, 125 cords of pine wood	562 50
George J. Warner, surveying wood.....	9 50
News Publishing Co., printing	18 50
B. F. & F. L. Atkinson, city fuel, per contract, etc.	5,241 69
George P. Balch, wood	16 51
P. H. Creasey, coal.....	10 77
L. W. Coker, weighing coal	41 00
A. F. Nason, charcoal.....	100 00
Frank Buckley, labor	1 75
John D. Foley, labor.....	1 75
Patrick Lyons, labor	1 58
	<u>\$6,152 78</u>

Expended for the following purposes:

FIRE DEPARTMENT.

		Tons.	Cwt.		
No. 2 Engine House,	12	05	egg coal	.....	\$ 74 69
No. 3	"	12	07	"	 76 49
No. 7	"	7	04	egg and stove	
			coal	.....	47 75
No. 8	"	3	11	egg coal	 21 94
					<u> </u> \$220 87

SCHOOL DEPARTMENT.

		Tons.	Cwt.		
Kelley school,	57	11	broken	.....	\$354 04
Plains school,	 4	01	stove and egg	..	26 31
Moulton street school,	7	04	stove	.....	46 68
Forrester	"	33	10	egg	 206 08
Bromfield	"	26	05	egg	 161 90
School	"	21	16	egg	 134 01
Hancock	"	14	01	egg	 86 37
Congress	"	15	19	egg	 98 02
Ashland	"	5	10	egg	 33 69
Temple	"	6	19	egg	 42 64
Purchase	"	3	10	egg	 21 58
					<u> </u> \$1,211 32

POOR DEPARTMENT.

		Tons.	Cwt.		
Colman's wharf,	349	04	stove coal	.....	\$2,259 35
Almshouse,	117	07	stove and broken		
			coal	.....	729 60
128 cords pine wood	.....				585 01
Measuring wood	.....				9 50
Labor on coal	.....				8 08
					<u> </u> \$3,591 54
Amount carried forward					<u> </u> \$5,023 73

Amount brought forward..... \$5,023 73

MISCELLANEOUS.

	Tons.	Cwt.	
E. F. Bartlett's office,	1	13	stove coal\$ 11 13
Newburyport bridge,	00	14	stove coal 4 53
Cushing Guard,	14	11	egg coal 89 59
Market Hall,	23	11	broken coal.... 144 92
Public Library,	51	04	" 314 78
City Hall,	41	17	" 257 37
1000 bushels charcoal			100 00
Rent of coal shed			144 00
Advertising.....			18 50
Weighing			41 00
Surveying charcoal.....			3 23
			\$1,129 05

Total expenditures as above\$6,152 78

PRICES PAID FOR FUEL DURING THE YEAR.

Broken coal.....	\$6 15	per 2,240 lbs.
Egg coal.....	6 15	"
Stove coal	6 47	"
Pine wood (average).....	4 57	per cord.
Charcoal	10	per bushel.
There were 831 tons 16 cwt. of coal delivered the city during year.		
There were 128 cords of pine wood " "		
There were 2,241½ bushels charcoal " "		
(1000 bushels only were paid for in year 1889.)		

LIGHTING STREETS AND PUBLIC BUILD- INGS.

Appropriation\$10,000

CREDITS.

From sale of old lantern.....	\$ 2 50	
Newburyport Electric Light and Power Co., overcharge in June, July and August bills.....	49 98	
	52 48	
Total amount appropriation and income.....		\$10,052 48
Amount overdrawn transferred from incidentals to bal- ance account		479 48
Expenditures.....		\$10,531 96

EXPENDITURES.

Authorized by the Committee on Lighting Streets.

JANUARY.

Newburyport Gas Co., gas consumed in public buildings	\$ 383 60	
Newburyport Electric Light Co., lighting streets	678 88	
James W. Fenimore, cleaning gas lanterns.....	2 50	
		\$1,064 98

FEBRUARY.

Newburyport Gas Co., gas consumed in public build- ings.....	267 60
	\$267 60

MARCH.

Newburyport Gas Co., gas consumed in public build- ings.....	\$249 80
Electric Light Co., lighting streets.....	618 88
Albert Hodgdon, cleaning lanterns.....	50
Electric Light Co., lighting streets	678 88
	\$1,638 06

APRIL.

Newburyport Gas Co., gas consumed in public build- ings.....	\$230 80
James W. Fenimore, cleaning gas lanterns	2 50
	\$233 30

MAY.

Newburyport gas Co., gas consumed in public build- ings.....	\$276 20
Newburyport Electric Light Co., lighting streets	618 88
“ “ “ “ “ “	678 88
	\$1,633 96

JUNE.

Newburyport Gas Co., gas consumed in public build- ings.....	\$109 20
Newburyport Electric Light Co., lighting streets	618 88
	\$788 08

JULY.

Newburyport Gas Co., gas consumed in public build- ings.....	\$76 40
James W. Fenimore, cleaning gas lanterns.....	2 50
	\$78 90

AUGUST.

Newburyport Gas & Electric Light Co., gas consumed	
in public buildings	\$94 40
Newburyport Electric Light Co., lighting streets.....	1,359 98
	\$1,454 38

SEPTEMBER.

Newburyport Gas & Electric Light Co., gas consumed	
in public buildings	\$ 74 4
Newburyport Electric Light Co., lighting streets.....	681 10
	\$755 50

OCTOBER.

Newburyport Electric Light Co., lighting streets.....	\$571 10
Newburyport Gas & Electric Light Co., lighting streets	
and public buildings.....	166 20
James W. Fenimore, cleaning gas lanterns.....	2 50
	\$839 80

NOVEMBER.

Newburyport Gas & Electric Light Co., expense in	
changing lights.....	\$ 19 40
Newburyport Gas & Electric Light Co., lighting streets	671 10
" " " " " lighting public	
buildings	184 00
	\$874 50

DECEMBER.

Newburyport Gas & Electric Light Co., lighting streets	
and public buildings	\$932 90
	\$932 90

RECAPITULATION.

Bills paid in January.....	\$1,061 98
“ “ “ February.....	267 60
“ “ “ March.....	1,608 06
“ “ “ April.....	233 30
“ “ “ May.....	1,633 96
“ “ “ June.....	788 08
“ “ “ July.....	78 90
“ “ “ August.....	1,454 38
“ “ “ September.....	755 50
“ “ “ October.....	839 80
“ “ “ November.....	874 50
“ “ “ December.....	932 90

Total expenditures for the year ending Dec. 21, 1889.. \$10,531 96

APPORTIONMENT OF EXPENDITURES

For lighting public buildings and streets for the year ending Dec. 21, 1889.

	Cubic Feet Gas.	Cost.
Lighting City Hall.....	342,100	\$684 20
“ Market House.....	309,200	618 40
“ Public Library.....	141,000	282 00
“ Armories.....	143,000	286 00
“ No. 2 Engine House.....	89,100	178 20
“ No. 3 “ “.....	95,600	191 20
“ No. 8 “ “.....	23,900	47 80
“ Putnam School.....	6,550	13 00
“ Central Fire Station.....	36,800	73 60
Cost of electric street lights.....		8,127 66
Repairs, posts, lanterns, etc.....		29 90

Total expense as above..... \$10,531 96

The total number of street lights is 110: electric, 103; kerosene, 7.

PUBLIC LIBRARY.

Appropriation\$1,200 00

CREDITS.

From dog licenses.....	\$921 70
Town of Newbury, use of library for the	
year 1888	150 00
	\$1,071 70

Total appropriation and income.....\$2,271 70

Amount undrawn, transferred to incidentals to balance	
account.....	78 51

Expenditures.....	\$2,193 19

EXPENDITURES.

Authorized by the City Council.

John D. Parsons, services as librarian.....	\$ 688 25
Effie A. Tenney, “ assistant librarian.....	291 67
Martha P. Lunt, “ supt. of reading room....	345 76
Hiram A. Tenney, “ librarian.....	166 66
S. H. Thurlow, glue and twine.....	1 78
Daniel P. Donnell, services as janitor	250 00
Gillett & Co's Express, expressage	14 90
Wm. H. Bayley, 1 floral piece.....	15 00
Safford & Lunt, repairing clock at library	1 00

Amount carried forward,.....\$1,775 02

Amount brought forward,.....	\$1,775 02
Chas. R. Sargent, stock and labor.....	2 60
Fogg & Co's Express, expressage	95
P. H. Blumpey, 1 mat.....	2 75
Robert Burlen, 2 vols. Art Journal.....	5 00
Lambert Jackson, binding books.....	68 00
E. S. Thurston, services at library.....	58 00
Paine Furniture Co., 1 roll top desk	55 00
Newburyport Despatch, expressage.....	12 75
Library Bureau, sundries.....	39 75
News Publishing Co., printing.....	6 75
Courtis & Breare, binding books.....	50 65
M. E. Parsons, repairing and covering books.....	16 35
American Express Co., expressage.....	1 50
Wm. H. Huse & Co., printing and advertising	93 17
Lovett's Express, expressage.....	15
E. P. Goodwin, stock and labor	4 80
	\$2,193 19

PRINTING.

Appropriations.....\$1,300 00

CREDITS.....

From liquor licenses..... 10 00

Total appropriation and income\$1,310 00

Amount overdrawn, transferred from incidentals to balance accounts 118 09

Expenditures\$1,428 09

EXPENDITURES.

Authorized by the Committee on Printing.

News Publishing Co., printing and advertising \$432 45

William H. Huse & Co., " " 990 64

Charles A. Haynes, printing 5 00

\$1,428 09

WATER SUPPLY.

Appropriation	\$7,600 00
Amount undrawn, transferred to incidentals to balance accounts.....	205 00
Expenditures.....	<u>\$7,395 00</u>

EXPENDITURES.

Authorized by Committee on Water Supply.

FEBRUARY.

Newburyport Water Co., 6 months' use of water for fire purposes	\$3,240 00
	<u>\$3,240 00</u>

JUNE.

Newburyport Water Co., use of water in public build- ings	\$450 00
	<u>\$450 00</u>

JULY.

Newburyport Water Co., 6 months' use of water for fire purposes	\$3,240 00
	<u>\$3,240 00</u>

DECEMBER.

Newburyport Water Co., use of water in public build- ings	\$465 00
	\$465 00

RECAPITULATION.

Bills paid in February	\$3,240 00
“ “ June	450 00
“ “ July	3,240 00
“ “ December	465 00
	\$7,395 00

SIDEWALKS AND EDGESTONES.

Appropriation\$1,000 00

CREDITS.

From George Noyes.....	\$ 19 84
D. J. Merrill	75 20
S. A. Bridges.....	10 02
Giles Adams	25 28
Mrs. H. M. Swap	53 12
Estate J. F. Carr	1 75
James Ryan.....	14 72
Mrs. Morey.....	70
Mr. Lecraw.....	70
F. L. Atkinson	22 83
E. P. Cutter	26 18
W. F. Torrey.....	3 67
B. F. Atkinson.....	1 00
B. F. Atkinson & Son	61 05
J. H. Dockum	28 90
L. W. Coker	13 89
B. F. Poor	13 60
Benjamin Hale.....	21 59
David Foss	7 84
Joseph G. Stevens.....	15 30
E. F. Stone	33 01

Amounts carried forward.....	\$450 19	\$1,000 00
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Amounts brought forward.....	\$450 19	\$1,000 00
L. W. Sargent..	34 43	
Mary L. Fremont	14 96	
George Butler.....	4 40	
John A. Greeley.....	5 64	
E. P. Shaw	98 37	
T. H. Lunt	11 00	
Bromfield fund transfer.....	200 00	
		818 99
Total appropriation and income.....		\$1,818 99
Amount undrawn, transferred to incidentals to balance account.....		354 05
Expenditures.....		\$1,464 94

EXPENDITURES.

Authorized by Committee on Sidewalks and Edgestones.

Daniel Cronan, labor	\$ 16 11
Jere Sheehan, "	30 55
Edward Powers, "	9 63
Cornelius Lynch, "	25 74
Daniel Quill, "	16 38
Frank Buckley, "	14 88
Jere Toomey, "	5 25
Thomas Ryan, "	1 76
Cornelius Kelleher, "	70
Patrick Murphy, "	3 33
John D. Foley, "	2 63
Chas. N. Thurlow, "	2 63
Y. M. C. A., paving sidewalks	15 00
Thomas F. Henry, cutting stone, etc.	30 95
John A. Greeley, stock and labor	53 43
George Ives, labor on trees	2 50
Thomas Ronan, paving sidewalk	33 00
Amount carried forward	\$264 47

Amount brought forward.....	\$264 47
Effie B. Moody, wharfage, 172 tons edgestone	17 20
Edwin Toppan, paving sidewalks	21 80
Blaisdell & Donnell, 1,553 8 12 feet granite curbing....	559 75
C. H. Davis, freight on stone.....	155 15
Rufus Morrison, paving sidewalk	117 88
Eben P. Cutter, "	19 25
Eben A. Young, paving and setting edgestones.....	43 60
Dudley T. Batchelder, laying brick sidewalk.....	7 50
Eben Sumner, " "	36 75
B. F. Atkinson, paving	70 50
E. P. Shaw, 83 yards concrete walk	20 75
Daniel Canning, labor.....	2 94
Joseph H. Currier, labor.....	77 50
Jere Cashman, 32 loads sand, at 15 cents.....	3 30
Frank H. Plumer, teaming.....	1 50
David Smith, bricks.....	28 00
George D. Thurlow, labor.....	17 10
	\$1,464 94

BRIDGES AND CULVERTS.

Appropriation\$1,000 00

CREDITS.

Peabody Mill, one-half expense of extending culvert foot of Federal street	\$100 00	
Town of West Newbury, one-half expense re- pairing Curson Mill bridge	86 64	
		186 64
Total appropriations and income.....		\$1,186 64

EXPENDITURES.

Newburyport bridge	\$894 73	
Essex Merrimac bridge	186 39	
Culverts.	491 57	
		\$1,572 69
Amount overdrawn, transferred from incidentals to bal- ance account		\$386 05

EXPENDITURES ON NEWBURYPORT BRIDGE.

Authorized by Committee on Bridges and Culverts.

JANUARY.

William I. Hunt, 1 month's services as draw tender	\$50 00
P. H. Creasey, coal	17 57
Electric Light Co., lighting bridge.....	6 67
E. Donahoe, stock for bridge	2 25
Enoch P. Lunt, services on Newburyport bridge.....	5 00
L. H. Noyes, stock	6 65
	\$88 14

FEBRUARY.

William I. Hunt, 1 month's services as draw tender	\$50 00
	\$50 00

MARCH.

Electric Light Co., light on bridge	\$ 6 67
William I. Hunt, 1 month's service as draw tender	50 00
L. M. Hatch & Sons, stock and labor	6 19
Electric Light Co., light on bridge.....	6 67
	\$69 53

APRIL.

William I. Hunt, services as draw tender.....	\$50 00
	\$50 00

MAY.

William I. Hunt, services as draw tender.....	\$50 00
S. H. Thurlow, stock	3 65
Edward Perkins, stock	11 70
Newburyport Electric Light Co., light on bridge.....	6 67
Charles R. Sargent, stock and labor	1 00
Newburyport Electric Light Co., light on bridge	6 67
	\$79 69

JUNE.

William I. Hunt, services as draw tender.....	\$50 00
Newburyport Electric Light Co., light on bridge	6 67
	<u>\$56 67</u>

JULY.

William I. Hunt, services as draw tender.....	\$50 00
Edward Perkins, lumber and teaming	8 11
Boston & Maine Railroad Co., freight	2 06
	<u>\$60 17</u>

AUGUST.

Willard E. Hunt, services as draw tender.....	\$29 60
Owners schooner E. G. Train, damages received	12 00
Newburyport Electric Light Co., light on bridge.....	13 34
William I. Hunt, services as draw tender.....	62 00
J. C. Stanley, stock	1 55
Gesner W. Rogers, 4 white pine sticks.....	36 00
F. E. Cutter, use of jack screw	25
N. C. Moody, labor and stock on draw.....	21 71
	<u>\$176 45</u>

SEPTEMBER.

Newburyport Electric Light and Power Co., light on bridge.....	\$ 6 67
William I Hunt, services as draw tender	50 00
	<u>\$56 67</u>

OCTOBER.

Newburyport Electric Light Co., light on bridge.....	\$ 6 67
William I Hunt, services as draw tender.....	50 00
Albert Russell & Sons, stock and labor	17 40
	<u>\$74 07</u>

NOVEMBER.

Newburyport Gas and Electric Co., light on bridge	\$ 6 67
William I. Hunt, services as draw tender	50 00
Jere Cashman, driving piles	20 00
	<u>\$76 67</u>

DECEMBER.

Newburyport Gas & Electric Co., lighting bridge	\$ 6 67
William I. Hunt, 1 month's services as draw tender	50 00
	<u>\$56 67</u>

RECAPITULATION.

Bills paid in January	\$ 88 14
“ “ “ February	50 00
“ “ “ March	69 53
“ “ “ April	50 00
“ “ “ May	79 69
“ “ “ June	56 67
“ “ “ July	60 17
“ “ “ August	176 45
“ “ “ September	56 67
“ “ “ October	74 07
“ “ “ November	76 67
“ “ “ December	56 67
	<u><u>\$894 73</u></u>

CULVERTS.

JANUARY.

John Hale, labor	\$ 88
Frank Buckley, “	1 41
John Murphy, “	70
Cornelius Lynch, “	2 28
S. Coker, nails, tar and spikes	2 05
H. H. Landford, horse hire	8 00
James C. Colman, stock	1 82
Edward S. Hidden, labor on culvert foot Federal street...	100 00
	<u><u>\$117 14</u></u>

FEBRUARY.

Cornelius Lynch, labor.....	\$1 40
John Hale, “	1 40
Daniel Cronan, “	1 40
Chas. W. Thurlow, “	1 05
John Clifford, “	1 05
	\$6 30

MARCH.

Cornelius Lynch, labor.....	\$ 88
Daniel Quill, “	70
John Clifford, “	70
John Hale, “	70
	\$2 98

APRIL.

Jere Sheehan, labor	\$1 40
Edward Powers, “	70
Cornelius Lynch, “	2 63
	\$4 73

MAY.

Cornelius Lynch, labor.....	\$8 59
John Murphy, “	1 58
John D. Foley, “	1 58
Daniel Cronin, “	2 28
Daniel Quill, “	1 75
Cornelius Kelleher, “	1 75
Patrick Murphy, “	70
John Hale, “	70
	\$18 93

JUNE.

Cornelius Lynch, labor.....	\$5 25
Jere Sheehan, "	5 25
Jere Toomey, "	5 25
Chas. W. Thurlow, "	88
John Murphy, "	88
	\$17 51

JULY.

Cornelius Lynch, labor.....	\$ 70
Jere Toomey, "	70
James C. Colman, lumber	1 24
	\$2 64

AUGUST.

Cornelius Kelleher, labor.....	\$ 5 43
John Hale, "	1 05
Daniel Quill, "	2 80
Patrick Murphy, "	1 05
Daniel Cronan, "	3 15
John D. Foley, "	9 63
Frank Buckley "	14 01
Jere Toomey, "	7 00
Jere Sheehan, "	2 10
John Clifford, "	88
James C. Colman, lumber, lime and cement.....	24 16
Eben A. Young, labor on culvert	10 50
	\$81 76

SEPTEMBER.

Cornelius Kelleher, labor.....	\$ 4 20
Frank Buckley, "	8 40
John D. Foley, "	6 65
Cornelius Lynch, "	1 75
Patrick Murphy, "	70
Amount carried forward	\$21 70

Amount brought forward	\$21 70
Jere Toomey, labor	1 05
L. W. Coker, stock	1 40
Edward S. Hidden, repairing culvert	1 50
David Smith, brick	19 85
McGlew Brothers, stock and labor	10 40
James C. Colman, stock	27 02
	\$82 92

OCTOBER.

Cornelius Kelleher, labor	\$ 5 95
John D. Foley, "	5 95
Frank Buckley, "	5 95
Daniel Cronan, "	2 45
Edward Powers, "	4 20
John Murphy, "	88
James C. Colman, stock	31 72
Thomas H. Lunt, labor	12 00
Thomas F. Henry, labor	19 50
S. H. Thurlow, stock	3 33
	\$91 93

NOVEMBER.

Cornelius Kelleher, labor	\$1 75
Jere Sheehan, "	1 75
Frank Buckley, "	5 08
Edward Powers, "	1 75
Cornelius Lynch, "	1 75
Chas. W. Thurlow, "	1 75
John Hale, "	1 05
Daniel Cronan, "	1 05
John D. Foley "	3 33
John Murphy "	1 58
John Clifford, "	1 58
Edward S. Hidden, repairing culverts	8 25
James C. Colman, cement	4 89
	\$35 56

DECEMBER.

Jas. Sidebottham, labor.....	\$ 88
Frank Buckley, "	1 75
Patrick Lyons, "	1 75
John A. Chase, "	1 05
Joseph H. Currier, "	3 25
Daniel Cronan, "	6 13
Edward Powers, "	1 75
Jere Sheehan, "	3 50
Daniel Quill, "	4 73
Patrick Murphy "	4 38
	\$29 17

RECAPITULATION.

Bills paid in January.....	\$117 14
“ “ “ February	6 30
“ “ “ March	2 98
“ “ “ April	4 73
“ “ “ May	18 93
“ “ “ June	17 51
“ “ “ July	2 64
“ “ “ August.....	81 76
“ “ “ September	82 92
“ “ “ October	91 93
“ “ “ November	35 56
“ “ “ December.....	29 17
	\$491 57

ESSEX MERRIMAC BRIDGE.

JANUARY.

E. P. Lunt, labor on bridge.....	\$ 3 75
Edward Perkins, stock and teaming.....	171 42
S. Coker, 2 casks coal tar.....	7 00
	\$182 17

FEBRUARY.

John D. Foley, labor.....	\$ 70
Daniel Quill, "	70
Patrick Murphy, "	70
	\$2 10

MARCH.

Cornelius Kelleher, labor.....	\$ 53
Edward Powers, "	53
Thomas Ryan, "	53
John Clifford, "	53
	\$2 12

RECAPITULATION.

Bills paid in January.....	\$182 17
" February	2 10
" March.....	2 12
	\$186 39

INTEREST DEPARTMENT.

Appropriation.....\$20,000 00

CREDITS.

Dividend No. 23, City Railroad, 2 per cent..	\$1,484 00
“ 24 “ 1 $\frac{1}{4}$ “ ..	927 50
From deposit First National Bank.....	1,683 87
From overdue taxes.....	1,585 18
	5,680 55
Total appropriation and income	\$25,680 55
Amount undrawn, transferred to incidentals to balance account.....	82 95
Expenditures	<u><u>\$25,597 60</u></u>

EXPENDITURES.

Authorized by the Committee on Finance.

JANUARY.

127 coupons	<u>\$3,520 00</u>
	<u>\$3,520 00</u>

FEBRUARY.

One year 7 days note, No. 386.....	\$ 40 78
Five months note, No. 393.....	592 45
Two months note, No. 389.....	129 17
One year Dexter Fund	90 00
One year Toppan Fund	10 00
One year Simpson Fund.....	900 00
Seventeen coupons	420 00
	\$2,182 40

MARCH.

One year Frothingham Fund.....	\$ 40 00
Sixty coupons	1,420 00
	\$1,460 00

APRIL.

Six months Sawyer Fund.....	\$112 50
Six months Green Fund.....	40 00
Accrued on Williams Fund	65 33
Three coupons.....	660 00
	\$877 83

MAY.

Twenty-two coupons.....	\$ 530 00
Six months Bridge and Water loan.....	700 00
	\$1,230 00

JUNE.

Forty-four coupons	\$1,045 00
	\$1,045 00

JULY.

Four months 3 days on Note No. 397.....	\$ 234 89
Seventy two coupons	2,010 00
	\$2,244 89

AUGUST.

One year Toppan Fund	\$ 10 00
One hundred and seventy-six coupons.....	4,260 00
	\$4,270 00

SEPTEMBER.

Six months Sawyer Fund.....	\$ 112 50
Forty-four coupons	1,320 00
	\$1,432 50

OCTOBER.

Six months on note, \$15,000.....	\$ 300 00
One year on Atwood Fund	472 50
Twenty coupons	590 00
	\$1,362 50

NOVEMBER.

Six months Bridge and Water loans	\$ 700 00
Twenty-two coupons.....	555 00
	\$1,255 00

DECEMBER.

Ten months on note No. 394	\$1,562 48
One year Brown Fund	675 00
Six months Green Fund.....	40 00
Ninety-five coupons	2,440 00
	\$4,717 48

RECAPITULATION.

Amount paid in January	\$3,520 00
“ “ “ February.....	2,182 40
“ “ “ March.....	1,460 00
“ “ “ April.....	877 83
Amount carried forward	\$8,040 23

Amount brought forward.....	\$8,040 23
Amount paid in May.....	1,230 00
“ “ “ June	1,045 00
“ “ “ July.....	2,244 89
“ “ “ August	4,270 00
“ “ “ September	1,432 50
“ “ “ October	1,362 50
“ “ “ November	1,255 00
“ “ “ December	4,717 48
Total expenditures for year ending Dec. 21, 1889	<u><u>\$25,597 60</u></u>

CITY BONDS.

Amount outstanding December 15, 1888\$348,000 00

Bonds issued during year 1889, as follows, viz.: No. 1

to No. 50 inclusive, sewerage loan dated September 3, 1889, 4 per cents., thirty years to run..... 50,000 00

50,000 00
\$398,000 00

Bonds paid during year 1889 as follows, viz.: No. 171

expired March 1st, 6 per cent..... 20,000 00

Amount outstanding December 21, 1889.....\$378,000 00

Due as follows:

1890 at 6 per cent.....\$ 63,000 00

1893 " 4 " 40,000 00

1897 " 4 " 38,000 00

1898 " 4 " 65,000 00

1890 " 6 " school house loan.... 23,000 00

1890 " 6 " horse railroad loan.... 25,000 00

1891 " 6 " city railroad loan 74,000 00

1919 " 4 " sewerage loan..... 50,000 00

Total as above \$378,000 00

NOTES PAYABLE.

Amount outstanding December 15, 1888.....\$116,750 00

Notes issued in 1889 as follows, viz. :

No. 391, order J. V. Felker, city treasurer, 4 per cent.	\$ 1,400 00
No. 392, order J. V. Felker, city treasurer, 4 per cent.	1,000 00
No. 393, order J. V. Felker, city treasurer, 4 1-16 per cent.	35,000 00
No. 394, commissioners city debt sinking fund, Lynn, Mass., 3 3-4 per cent.	50,000 00
No. 395, committee on Abraham Williams Fund, 4 per cent.	1,000 00
No. 396, Institution for Savings in New- buryport and vicinity, 4 per cent.	15,000 00
No. 397, order J. V. Felker, city treasurer, 2 3-4 per cent.	25,000 00
No. 398, order J. V. Felker, city treasurer, 3 per cent.	2,000 00
	130,400 00
	\$247,150 00
Appropriation by the city	5,000 00
	\$252,150 00

Notes paid during year 1889, as follows, viz. :

No. 386, order J. V. Felker, city treasurer, 4 per cent.....	\$ 1,000 00
No. 390, order J. V. Felker, city treasurer, 3 7-8 per cent.....	20,000 00
No. 393, order J. V. Felker, city treasurer, 4 1-16 per cent.....	35,000 00
No. 394, commissioners city debt sinking fund, Lynn, Mass., 3 3-4 per cent.....	50,000 00
No. 397, order J. V. Felker, city treasurer, 2 3-4 per cent.....	25,000 00
No 3, Institution for Savings, city, 3 1-2 per cent	2,000 00
No. 3, Institution for Savings, city, 3 1-2 per cent.....	3,000 00
	136 000 00
	\$116,150 00
Transferred to bridge and water account.....	5,000 00
Amount outstanding December 21, 1889.....	<u><u>\$111,150 00</u></u>

STATE OF MASSACHUSETTS.

Armory Rent Account.

CREDIT.

Received from the State for rent, for year 1889.....\$350 00

DEBIT.

Paid E. P. Shaw for one year's rent, for year 1889\$900 00

Amount overdrawn, charged to incidentals to balance ac-
count\$550 00

MEMORIAL DAY.

Appropriation\$150 00

EXPENDITURES.

Thomas E. Cutter, for the Grand Army Post.....\$150,00

NEW ALMSHOUSE.

EXPENDITURES.

JANUARY.

L. H. Noyes, stock and labor	\$ 3 83
Edward Perkins, stock and teaming.....	13 10
Frank E. Cutter, stock and labor.....	11 40
John E. Bailey, stock and labor	10 66
Joseph H. Currier, labor	62 25
C. R. Sargent, stock and labor	31 21
John A. Greeley, stock and labor.....	12 69
John Crowley, carting stone.....	11 00
James C. Colman, stock.....	21 76
	\$177 90

FEBRUARY.

Charles L. Huse, painting buildings and signs	22 00
John E. Bailey, expenses to Haverhill and laying out land	7 42
Thomas F. Henry, cutting stone at almshouse	31 50
Charles R. Sargent, stock and labor.....	91 96
	\$152 88

MARCH.

James C. Colman, stock.....	\$1 65
Frank E. Cutter, stock and labor.....	6 47
	\$8 12

AUGUST.

R. B. Wright, laying concrete walk, 635 yards.....	\$295 35
	\$295 35

RECAPITULATION.

Bills paid in January	\$177 90
“ “ “ February	152 88
“ “ “ March	8 12
“ “ “ August	295 35
Transferred to public property account	\$634 25

BROMFIELD FUND.

CREDITS.

Income for 1889	\$400 00
Balance on hand December 21, 1889	86 70
Expenditures	<u>\$313 30</u>

EXPENDITURES.

Authorized by Committee on Bromfield Fund.

Cornelius Kelleher, labor.....	\$ 88
Frank Buckley, "	4 55
John D. Foley, "	6 30
John Murphy, "	88
Edward Powers, "	3 68
Jere Toomey, "	8 75
Daniel Cronan, "	7 35
Patrick Murphy, "	2 98
John Hale, "	6 30
Daniel Quill, "	1 05
Charles W. Thurlow, "	1 23
John Clifford, "	35
Joseph Christian, "	7 00
William H. Bayley, 31 trees at \$2	62 00
Sidewalks and edgestones, transfer.....	200 00
	<u>\$313 30</u>

BOARD OF HEALTH.

Appropriation	\$900 00
Amount undrawn, transferred to incidentals to balance account	\$208 73
Expenditures	<u>\$691 27</u>

EXPENDITURES.

Authorized by the Board of Health.

Francis V. Pike, salary as meteorological observer and expenditures	\$184 75
News Publishing Co., printing and advertising.....	6 75
D. Clark Batchelder, salary as agent of board and extras..	278 50
George H. Stevens, 15 months' salary as clerk of board ..	62 50
Moses H. Sargent, blank book.....	6 50
George W. Woodwell, fumigating and disinfecting	13 00
William H. Huse & Co., printing	94 75
C. M. Lunt, cleaning vaults	19 25
Charles W. Davenport, services as clerk of board.....	25 27
	<u>\$691 27</u>

ASHES AND RUBBISH.

Appropriation\$700 00

CREDITS.

From J. Pearson & Son, ashes, etc.	\$25 00	
Eben Young, “ 	\$ 1 20	
Edward Perkins, “ 	9 50	
John Pearson, “ 	3 05	
B. H. Hussey, “ 	4 65	
E. C. Pearson, “ 	25 10	
W. F. Torrey, “ 	2 35	
Towle Mfg. Co., “ 	10 40	
D. J. Merrill, “ 	35	
W. H. Whitmore, “ 	75	
W. S. Coffin, “ 	28 70	
Jere Cashman, “ 	23 20	
P. & R. C. & I. Co., “ 	8 60	
John Wallace, “ 	1 25	
		144 10
Total appropriation and income	\$844 10	
Amount overdrawn, transferred from incidentals to balance account.....		4 58
Expenditures	\$848 68	

EXPENDITURES.

Authorized by the Committee on Highways.

Cornelius Kelleher, labor	\$ 70 11
Daniel Cronan, "	66 58
Patrick Murphy, "	69 03
Daniel Quill, "	67 55
John Hale, "	68 95
Edward Powers, "	65 44
Cornelius Lynch, "	17 79
John D. Foley, "	73 24
Frank Buckley, "	66 23
John Murphy, "	67 58
John Clifford, "	62 40
Chas. W. Thurlow, "	60 46
Jere Sheehan, "	51 43
Peter Young, "	1 23
Thomas Ryan, "	1 58
Jere Toomey, "	29 26
John Dodey, "	1 40
John McDade, "	8 42

 \$848 68

SEWERAGE.

CREDIT.

From sale of sewer bonds.....	\$50,000 00
Expenditures as below	46,633 30
Balance unexpended Dec. 21, 1889, to new account....	<u>\$ 3,366 70</u>

EXPENDITURES.

Authorized by the Sewer Commissioners.

AUGUST.

Boston Advertiser, advertising sewer proposals	\$19 38
Boston Herald Co., advertising	15 00
News Publishing Co. “	13 60
Charles H. Sargent, expenses for sewerage	8 87
William H. Huse & Co., printing	7 88
	<u>\$64 73</u>

SEPTEMBER.

B. & M. R. R. Co., freight on pipe.....	\$ 195 45
“ “ “ “	285 57
J. C. Stanley, stock.....	42 76
Charles Fogg's Express, expressage	60
H. W. Bayley, weighing 55 man-holes	1 10
E. W. Bowditch, services as engineer, etc.....	1,385 69
David Smith, bricks	959 25
Warren Foundry Co., iron pipes	1,043 07
Ohio Valley Fire Clay Co., sewer pipe	1,093 99
	<u>\$5,007 48</u>

OCTOBER.

B. & M. R. R. Co., freight on pipe	\$1,426 43
J. W. Douglass, on account contract.....	3,031 62
Ohio Valley Fire Clay Co., sewer pipe	6,132 29
L. M. Hatch & Sons, stock and labor	331 39
Warren Foundry Co., iron pipes.....	623 39
Jere Cashman, brick, sand and cement	52 75
John A. Greeley, cement	331 78
E. W. Bowditch, services as engineer, etc.....	1,287 54
E. F. Manning, stock and labor	25 00
David Smith, bricks.....	1,562 24
Frank H. Plumer, teaming	4 25
	\$14,808 68

NOVEMBER.

David Smith, bricks	\$ 1,423 87
J. C. Stanley, 187 1-2 lbs. jute	13 13
Chelmsford Foundry Co., sewer covers and frames....	1,812 40
Charles H. Sargent, telegrams, car fare, etc.....	5 41
B. & M. R. R. Co., freighting pipe.....	368 62
E. W. Bowditch, services of self and assistants.....	1,452 36
B. & M. R. R. Co., freighting pipe.....	361 05
F. E. Davis, stock and labor	10 17
Fiske, Colman & Co., cement	1,619 40
Ohio Valley Fire Clay Co., sewer pipe	1,844 00
J. W. Douglass, on account of contract.....	4,281 21
Frank H. Plumer, teaming	11 70
	\$13,203 32

DECEMBER.

B. & M. R. R. Co., freighting pipe.....	\$ 509 86
J. W. Douglass, on account of contract.....	8,302 54
J. C. Stanley, hemp and jute	51 13
John A. Greeley, cement	1,083 36
Jere Cashman, teaming.....	390 45
Amount carried forward.....	\$10,337 34

Amount brought forward.....	\$10,337 34
E. W. Bowditch, services of self and assistants	1,411 35
Frank H. Plumer, teaming	147 95
David Smith, bricks	1,216 87
Ohio Valley Fire Clay Co., sewer pipe	435 58
	\$13,549 09

RECAPITULATION.

Bills paid in August	\$ 64 73
“ “ “ September.....	5,007 48
“ “ “ October	14,808 68
“ “ “ November.....	13,203 32
“ “ “ December	13,549 09
Total	\$46,633 30

MISCELLANEOUS.

INCOME ACCOUNT.

CREDITS.

From city of Newburyport, liquor licenses	\$11,801 25
State of Massachusetts, corporation tax.....	12,245 18
“ “ foreign shipping	4,123 56
“ “ non-resident bank tax....	1,119 40
	<u>\$29,289 39</u>

DEBITS.

Amount deducted by assessors from appropriation, for year 1889.....	\$23,000 00
Transferred to incidentals to balance account.....	\$ 6,289 39
	<u><u></u></u>

SIMPSON FUND.

CREDITS.

Income for year 1889	\$900 00
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EXPENDITURES.

Jere Cashman, watering streets	\$300 00
John J. Currier, treasurer, watering streets ..	600 00
	<u>\$900 00</u>

LIQUOR LICENSES.

CREDITS.

Received for liquor licenses granted	\$15,810 00
“ advertising licenses.....	36 00
	<u>\$15,846 00</u>

DEBITS.

Paid Rockwell & Churchill, printing.....	\$ 5 00
“ News Publishing Co., printing	56 00
“ William H. Huse & Co., printing	50 00
“ State of Massachusetts 25 per cent. of receipts	3,933 75
	<u>4,044 75</u>
Balance transferred income account	<u>\$11,801 25</u>

STATE AND COUNTY TAXES.

Appropriated and paid for State tax of 1889.....	\$9,120 00
“ “ county tax of 1889	8,771 16
	<u>\$17,891 16</u>

NON-RESIDENT BANK TAX.

Collected from city banks	\$4,118 89
Credited on State account	2,965 19
	<u>\$7,084 08</u>
Charged on State account	5,964 68
Balance transferred to income account.....	<u>\$1,119 40</u>

INCOME FROM CITY BUILDINGS AND LANDS.

Received from A. J. Teeling, rent of school building one year, to October 1, 1889	\$ 50 00
Received from County of Essex, rent of Market Hall one year, to January 1, 1889.....	250 00
Received from rent of City Hall.....	1,299 00
Received from burial lots, New Hill.....	236 00
Received from R. S. Hewlett, rent of Winter street landing one year, to January 1, 1890.....	5 00
Received from R. M. Perley, rent of Market street land- ing one year, to October 1, 1889.....	20 00
Transferred to public property to balance account	<u>\$1,860 00</u>

RECEIVED ON ACCOUNT OF TAXES.

Tax of 1886 from collector.....	\$ 10 00
“ 1887 “	5,582 70
“ 1888 “	23,421 17
“ 1889 “	111,320 47
	<u>\$140,334 34</u>

ABATEMENT OF TAXES.

1884.

Allowed on assessors' orders.....	<u>\$509 60</u>
Overdrawn, transferred from incidental account.....	\$509 60

1886.

Credit city appropriation.....	\$1,800 00
Allowed on assessors' orders	1 991 94
Overdrawn, transferred from incidental account	<u>\$191 94</u>

1887.

Credit city appropriation	\$500 00
Supplementary assessment.....	19 92
	<u>519 92</u>
Allowed on assessors' orders	1,750 69
Overdrawn, transferred from incidental account.....	\$1,230 77

1888.

Credit city appropriation	\$ 500 00
Supplementary assessment.....	247 20
	<u>747 02</u>
Allowed on assessors' orders	2,019 44
Overdrawn, transferred from incidental account.....	\$1,272 24

1889.

Supplementary assessments....	\$1,196 68
Overlay of taxes	2,401 79
	<u>3,598 47</u>
Allowed on assessors' orders	3,052 89
Undrawn, transferred to incidental account	<u><u>\$545 58</u></u>

 APPROPRIATIONS FOR 1889.

Poor	\$15,000 00
School	20,000 00
Fire	6,000 00
Highway	4,000 00
Sidewalks and edgestones	1,000 00
Ashes and rubbish.....	700 00
Bridges and culverts.....	1,000 00
Water supply (for all purposes)	7,600 00
Incidentals (overdraft for last year).....	18,015 36
Incidentals	500 00
Public Property	6,000 00
Police.....	9,000 00
Lighting streets and buildings	10,000 00
Salaries	7,300 00
Fuel	5,000 00
Public Library.....	1,200 00
Printing	1,300 00
Board of Health.....	900 00
Memorial Day	150 00
Military Relief.....	900 00
Abatement of taxes of 1886	1,800 00
" " " 1887	500 00
" " " 1888	500 00
Interest	20,000 00
Notes payable.....	5,000 00
Sinking Fund.....	3,800 00
	\$147,165 36

CITY VALUATION FOR 1889.

Real estate	\$6,449,865 00
Personal estate	2,313,173 00
Resident bank shares	533,197 00
	\$9,296,235 00

Tax assessed on real estate.....	\$ 95,458 00
“ “ personal estate.....	34,234 96
“ “ resident bank shares	7,891 31
“ “ polls	7,970 00
	\$145,554 27

Appropriated for city expenses.....	\$147,165 36
Less income deducted by assessors.....	23,000 00
	\$124,165 36
City appropriation, State tax.....	9,120 00
“ “ county tax	8,771 16
Overlay and re-assessment of taxes	3,497 75
	\$145,554 27

Number of polls, 3,985 ; rate of taxation, \$14.80 per \$1,000.

POPULATION.

1885, State census.....	13,716
1890, estimated.....	16,000

SALARIES OF CITY OFFICERS.

1890.

Mayor.....	\$ 800 00
City Clerk, (including clerk hire, no fees).....	1,600 00
City Treasurer and Collector, (including clerk hire)	1,600 00
City Auditor.....	300 00
City Solicitor, (in full for all services)	400 00
City Physician	350 00
City Messenger.....	900 00
City Marshal.....	1,000 00
Assistant City Marshal	900 00
Surveyor of Highways, (to furnish his own team).....	1,200 00
Superintendent of Schools	1,000 00
Clerk of Common Council	100 00
Clerk of Overseers of the Poor	900 00
Superintendent of Fire Alarm	250 00
Agent of Board of Health	200 00
Clerk of Board of Health	50 00
Librarian of Public Library	1,000 00
Assistant Librarian of Public Library	300 00
Superintendent of Reading Room.....	350 00
Superintendent of Almshouse.....	400 00
Matron of Almshouse	200 00
Drawtender of Newburyport Bridge.....	600 00
Chief Engineer of Fire Department	300 00
Four assistant engineers, each	50 00
Clerk of Board of Engineers	15 00
Foremen of companies, each	35 00
Engineers of steamers, each	200 00
Assistant engineers, each	35 00
Firemen of steamers, each.....	125 00
Hosemen and laddermen, each	25 00
Three assessors, each	500 00
Four registrars, each	75 00
Captain of Night Watch.....	900 00
Patrolmen	\$ 2 00 per diem.
Drivers of double teams, each	12 00 per week.
“ single “	12 00 “

TABULAR STATEMENT OF CITY, COUNTY AND STATE TAXES.

Rate of Taxation per \$1000, and the Number of Polls from 1851 to 1889, inclusive.

Year	No. of Polls.	Valuation of Real Estate.	Valuation of Personal Estate.	Total Valuation.	*Amount of City Tax.	Amount of State Tax.	Amount of County Tax.	Total Tax.	Taxation per \$1000.
1851	2517	\$2,596,400	\$2,880,200	\$5,476,600	\$33,597 98	.....	\$5,227 76	\$38,825 74	\$6 40
1852	2827	2,764,800	2,796,700	5,561,500	43,504 74	.....	5,227 76	48,732 50	8 00
1853	2997	2,902,100	2,931,500	5,833,600	40,232 74	\$2,787 00	5,227 76	48,257 50	7 50
1854	2770	3,302,500	3,483,000	6,785,500	41,434 50	2,787 00	7,432 00	51,653 50	7 00
1855	2977	3,449,100	3,554,000	7,003,100	48,877 80	4,180 50	7,432 00	60,590 30	8 00
1856	2972	3,453,500	3,762,700	7,216,200	50,931 70	5,574 00	9,290 00	65,795 70	8 50
1857	2705	3,424,200	3,603,600	7,027,800	49,656 70	8,361 00	9,290 00	67,307 80	9 00
1858	2708	3,287,100	3,529,300	6,816,400	48,582 63	3,344 00	7,560 21	59,486 84	8 00
1859	2529	3,212,700	3,630,000	6,842,700	58,741 88	2,790 00	8,505 24	70,037 12	9 60
1860	2412	3,200,800	3,544,800	6,745,600	61,654 80	2,327 00	8,694 24	72,674 04	10 20
1861	2430	3,150,600	3,447,500	6,608,100	60,521 79	2,346 00	9,369 85	72,237 74	10 40
1862	2462	3,056,000	3,163,450	6,219,450	62,648 67	14,076 00	7,808 29	84,532 96	12 80
1863	2348	3,048,700	3,395,000	6,443,700	68,337 11	18,768 00	7,808 29	94,913 40	14 00
1864	2528	3,268,700	3,425,000	6,693,700	72,193 84	18,768 00	7,805 96	98,767 80	14 00
1865	3000	3,349,200	4,132,800	7,382,000	90,336 05	36,660 00	8,188 95	135,195 00	17 50
1866	3126	3,373,700	3,834,500	7,214,200	129,768 35	23,400 00	8,188 95	161,357 30	21 50
1867	2893	3,906,600	4,054,100	7,960,700	116,173 30	39,000 00	9,826 70	165,000 00	20 00
1868	3388	3,743,800	3,479,800	7,223,600	110,160 78	13,600 00	9,417 30	135,195 08	17 80
1869	3242	3,588,000	3,569,700	7,427,700	119,502 67	19,500 00	8,188 95	144,639 22	18 60
1870	2907	4,018,701	3,082,545	7,701,246	127,431 72	19,500 00	9,826 70	156,758 42	19 60
1871	3218	4,057,500	3,034,257	7,091,757	104,051 74	19,500 00	9,826 70	133,378 44	17 90
1872	3292	4,243,950	3,068,700	7,312,650	123,154 65	11,960 00	8,215 90	143,330 55	18 70
1873	3190	4,515,400	3,057,140	7,572,540	139,188 92	13,455 00	8,215 90	160,859 82	20 40
1874	3208	4,763,700	3,120,407	7,884,107	136,038 13	11,960 00	8,215 90	156,214 03	19 00
1875	3383	4,904,075	3,140,838	7,404,913	139,443 45	11,960 00	8,215 90	159,619 35	19 00
1876	3356	4,788,450	2,937,167	7,725,617	136,042 87	7,866 00	6,499 50	150,408 38	18 60

1877	3223	4,832,700	2,812,284	7,644,984	115,911 24	6,555 00	6,499 50	128,965 74	16 00
1878	3408	4,799,250	2,778,962	7,578,212	122,383 30	4,370 00	7,892 30	135,645 60	17 00
1879	3299	4,766,700	2,642,888	7,409,588	111,070 40	2,185 00	7,135 54	120,390 94	15 50
1880	3384	4,815,800	2,650,877	7,466,677	109,557 63	6,555 00	7,135 54	123,248 17	15 60
1881	3456	4,849,050	2,686,406	7,535,456	123,809 80	6,555 00	7,135 54	136,499 84	17 20
1882	3343	5,002,550	2,415,148	7,417,698	128,779 64	8,740 00	7,135 54	144,655 18	18 60
1883	3462	5,074,850	2,443,258	7,518,108	119,580 59	7,780 00	9,442 86	136,103 45	17 20
1884	3467	5,162,750	2,385,771	7,548,521	125,336 22	9,440 00	9,442 86	144,219 08	18 20
1885	3427	5,214,050	2,336,755	7,550,805	126,229 63	7,080 00	9,442 86	142,752 49	18 00
1886	3380	5,267,350	2,319,988	7,587,338	125,220 32	6,855 00	8,919 62	137,994 94	17 30
1887	3801	5,730,400	2,344,337	8,074,737	122,440 33	10,282 50	8,919 62	141,642 45	16 60
1888	3964	6,088,890	2,643,455	8,732,345	128,443 40	10,282 50	8,919 62	147,645 52	16 00
1889	3985	6,449,865	2,846,370	9,296,235	127,663 11	9,120 00	8,771 16	145,554 27	14 80

*The assessors' overlays are included in these amounts.

REPORT OF OVERSEERS OF POOR.

REPORT.

To the City Council of the City of Newburyport :

GENTLEMEN:—The Overseers of the Poor, to whom is committed a general oversight and care of the poor in all its departments, would respectfully submit their eleventh annual report.

GENERAL STATEMENT.

The total cost of the poor department for the year ending Nov. 30, 1889, has been \$18,959.57, which is \$312.04 more than last year. This increase in expenditure is explained in the detailed statement.

The income received during the past year from various sources was \$2,951.89, thus reducing the expense to \$16,007.68, with an overdraft of \$1,007.68 above the appropriation, said appropriation being \$500 less than last year. The board have been called upon during the past year to pay for the support of the Rev. Melville Smith in the Danvers Insane Asylum, \$480.07; whose settlement was decided to be in this city. And also for the support of David Moses, who left this city in 1830, and was found insane and committed to the Danvers Asylum in 1886 to 1888, and the cost of his support, \$224.69, was paid from the appropriation of this department. These extraordinary expenditures of \$704.76, with a bill for the support of a family residing in Amesbury, who were

sick nearly the entire year of 1888, of \$319.49—which bill should have been paid in 1888—making \$1,024.25, thus reducing the ordinary expense of the department to \$14,983.43, which is the lowest for a number of years.

DETAILED STATEMENT.

There has been expended for the poor residing in the Alms-	
house	\$3,865 57
Salaries	2,413 47
Insane	4,649 73
Poor residing in other towns.....	1,666 21
Out-door relief	6,364 59
Total expense.....	\$18,959 57

ALMSHOUSE.

The Almshouse has been under the care and management of Mr. and Mrs. E. P. Lunt during the past year, and they have given good satisfaction to the board. An average number of forty-five have resided in the house during the year, at an average cost to the department of \$1.65 per week.

INSANE.

The cost to the city for the care of its insane poor is constantly on the increase, the amount paid this past year being \$4,649.73—\$274.44 more than last year. The Asylum at Danvers has been visited several times during the year, and every one whom it was considered safe to remove has been brought to our Almshouse, where they can be as well provided for, and at one half the expense.

At the close of last year there were twenty persons in the insane asylum whose settlement was in Newburyport; at the close of this there are twenty-two.

OUTSIDE RELIEF.

Outside relief, which last year was granted to 559 persons, at a cost of \$6,435.02, this year has been granted to 585 persons, at a

cost of \$6,364.59, and are classed as follows: 427 having a settlement in Newburyport; 90 having a settlement in other places; 43 having no settlement in the State, 25 having been sent out of the city; making a total of 585 assisted in the city outside the Almshouse.

OBITUARY.

On October 16, 1889, the board was deprived of one of its members by the death of John S. Frost. Mr. Frost was elected as Overseer of the Poor for Wards 3 and 4 in 1887, and served until his death. The vacancy on the board was not filled for the remainder of the year, his duties being performed by the other two members of the board and the clerk.

At a special meeting of the board, held on October 17, 1889, the following resolutions were adopted:

WHEREAS, God, in His wisdom, has deemed best to remove from our board our esteemed associate, John S. Frost. Therefore,

RESOLVED, That in the death of Mr. John S. Frost, the Board of Overseers of the Poor have lost one who was always ready to do whatever laid in his power to ameliorate the condition of the poor, ever ready to listen to the cry of distress and to relieve suffering;

RESOLVED, that the office of the Overseers of the Poor be draped in mourning for thirty days, as a token of respect to the memory of Mr. Frost;

RESOLVED, That the Board of Overseers tender to his bereaved widow and children their heartfelt sympathy, in this their hour of deep affliction;

RESOLVED, That these resolutions be placed upon our records, and a copy sent to the bereaved family.

CITY PHYSICIAN'S REPORT.

Dr. Adams, city physician, having been obliged to leave the city, on account of his health, in November, 1889, Dr. E. H. Noyes was elected to fill the office during the remainder of the year, and no report was received from Dr. Adams before he left the city.

PRODUCT OF CITY FARM.

The products of the city farm during the past year were 60 tons of hay, 100 bushels of corn, 1000 heads of cabbage, 200 bushels of beets, 30 bushels of onions, 1 ton of squashes, 75 bushels carrots, 25 bushels turnips, 200 bushels of potatoes, and a large quantity of green peas, tomatoes, cucumbers, and other greens used in the house.

L. W. SARGENT, } Overseers of
JOHN C. STEVENS, } the Poor.

DEXTER AND ATWOOD FUNDS.

To His Honor the Mayor and the City Council :

GENTLEMEN :—The board of Overseers of the Poor, to whom is intrusted the distribution of the income accruing from these funds, would respectfully report that the income from the Dexter Fund for the year ending December 31, 1889, amounting to \$90, has been divided among the three overseers, giving \$30 to each.

The income from the Atwood Fund, \$293.50, has been divided in a similar manner, giving \$97.50 to each overseer, and has been distributed according to the will of the donors, in the following manner :

In wards one and two the \$30 of the Dexter Fund, nothing remaining over from last year, has been distributed among ten persons, in sums from \$2 to \$5 each, leaving nothing on hand out of this fund at the close of this year.

In wards three and four the income from the Dexter Fund, \$30, nothing remaining over from last year, has been distributed among 16 persons, in sums from \$1 to \$4 each, leaving nothing on hand at the close of the year.

In wards five and six the \$30 from the Dexter Fund, nothing remaining over from last year, has been distributed among sixteen persons, in sums from \$1 to \$3 each, nothing remaining on hand at the close of the year.

In wards one and two the \$97.50 of the Atwood Fund, with the

balance of \$23.94, making \$121.44, has been distributed among twenty-eight persons, in sums from \$2 to \$5 each, leaving a balance of \$32.51 at the close of the year.

In wards three and four the income from the Atwood Fund, \$97.50, with \$70.87 left over from last year, \$168.37, has been paid out to twenty-seven persons, in sums from \$2 to \$5 each, leaving \$96.62 on hand at the close of the year.

In wards five and six the income from the Atwood Fund, \$97.50, with \$60.75 left over from last year, \$158.25, has been paid out to forty persons, in sums from 50 cents to \$5 each, leaving \$54.65 on hand at the close of the year.

At the close of the year there remained in the Overseers' hands :

Ward 1 and 2, Atwood Fund	\$32 51
3 " 4, " "	96 62
5 " 6, " "	54 65

The individual names of the recipients of these funds are on file in the office of the Overseers of the Poor, subject to inspection.

L. W. SARGENT, } Overseers of
JOHN C. STEVENS, } the Poor.

REPORT OF THE CHIEF ENGINEER.

REPORT.

NEWBURYPORT, Dec. 31, 1889.

To the City Council of Newburyport :

GENTLEMEN :—In presenting you with this, my seventh annual report of the condition of the fire department, I do so with feelings of devout thankfulness to Him who has so thoroughly protected our beautiful city the past year from the ravages of fire.

While many cities of the nation have been visited by destructive fires, and in many cases attended by the loss of life, and even our neighboring cities, Boston and Lynn, have passed through a conflagration which has left a mark of woe and destruction which is almost beyond our comprehension, yet we have had the smallest loss of any year since I have had the honor to be at the head of this department; and every citizen of this city should feel to acknowledge the many blessings they have received in this direction, and be thankful that no large fire has visited us to occasion loss and prove destructive to our grand old city.

MANUAL FORCE.

We have the smallest number of men connected with this department than ever before, and they are as follows : Chief engineer, three assistant engineers, three steamer companies of fifteen men each, three hose companies of ten men each, one hook and ladder company of fifteen men,—a total of ninety-four. A vacancy exists in the board of engineers, as no person has yet been ap-

pointed to fill the position made vacant by the resignation of Capt. J. B. Blake.

I would here state that every man connected with this department has the past year maintained that reputation which they have so faithfully earned; and the citizens of this city should feel proud in having for their protection such an efficient department, and one which is not in any way unmindful of their interests, but ever ready when duty calls to labor in subduing the dreadful enemy of their homes.

HOUSES.

The houses are all in good condition, and answer well the requirements they were erected for.

APPARATUS.

The apparatus of this department has the past year undergone somewhat of a change by the disposing of the hand engine and the two-wheeled hose carriage, which had been in use by Engine Company No. 8, and in their place a new hose wagon has been purchased, which greatly adds to the welfare of this branch of the department.

We have placed at the horse railroad stable, on Merrimac street, one two-wheeled hose carriage, with 300 feet of hose, to be used in case of fire in that vicinity, before the apparatus could arrive.

To have this department brought to that state of perfection which some of our zealous citizens now claim for it, can, in my opinion, only be done by the purchasing of a first-class "chemical," "as fire departments are organized to save property from destruction by fire; and if the means used for that purpose is almost as destructive as fire, other means should be availed of, and by so doing the record of losses will be materially reduced."

Many times since my connection with the fire department we have been called upon to extinguish slight fires, which has had to be done with the only available resources we have had, viz.: water; and the amount used which was absolutely necessary has at times done more damage than the fire itself. But by the use of

a "chemical," which is always ready, with the men attached, and can be at the scene of the fire as readily as any of the other apparatus, could, in all cases where the fire has not made great progress, be the only apparatus called into service, and thereby save the loss which must now be occasioned by the use of water. I trust you will take this matter under consideration, and at an early date make an appropriation for the purchasing of a first class "chemical," and by so doing add greatly to the efficiency of this branch of the department.

All the apparatus is in good condition.

HOSE.

We have on hand ten thousand, eight hundred feet of hose, and the condition of same is as follows: Five thousand feet in good condition; five thousand feet in fair condition; eight hundred feet condemned. I should suggest that there be purchased the ensuing year at least the number of feet of new hose which would take the place of that which is now condemned.

WATER.

We have in use one hundred and sixty-eight hydrants. I am informed by the superintendent of the Water Company that the three hydrants recently put in on Toppan street will be ready for service in a very short time, and when ready will make a total of one hundred and seventy-one, an addition of nine the past year, and giving us a better supply of water for fire purposes than ever before.

FIRE ALARM.

At the present time we have in use eighteen boxes, an addition of one the past year; and they are now in good working order. Owing to the closing of the Whitefield Mills, we cannot much longer depend upon the alarm which we have had from that source in the past. I would call your attention to this fact, and hope some provision will be made whereby the firemen in that portion

of the city can be as promptly notified in case of fire as at the present time. I consider indicators very essential, and would recommend the placing of one in each of the two engine houses not now supplied,—Numbers Seven and Eight.

HALE FUND.

Circumstances having been such the past year, we have had no occasion to draw upon this fund, as no accident has occurred whereby aid has been required. From the proceeds of the ball given, and interest which has accumulated, swells the amount to \$5,937.26; and to all those who have aided this worthy fund we extend our sincere thanks.

RULES AND REGULATIONS.

At the commencement of the year I inaugurated a set of rules, whereby, upon the first alarm of fire being given, only such apparatus should respond as was in the district of the alarm given, with the exception of Hook and Ladder Company, which responds to all alarms; all other apparatus to be called out only in case of a second alarm. I find this system in every case has given perfect satisfaction, and been a great saving in the expense to the city. I shall still continue these rules during my term of office, as I consider it to be for the interest of the city, whose interests it is my duty to serve.

APPROPRIATION AND INCOME.

Appropriation.....	\$6,000 00
Income	766 01
	\$6,766 01
Expenditures	7,932 60
Overdrawn.....	\$1,166 59

I have exerted myself to have this department managed in a manner which would indicate that economy had been my prevailing thought; but under the circumstances of increasing the sala-

ries of the members, and at the same time reducing the appropriation one thousand dollars from the amount appropriated the previous year, I have been compelled to overdraw the sum of \$1,166.59. The salaries alone are nearly \$5000, and deducting this amount from the sum appropriated leaves a very small balance to use for the payment of other bills which cannot be avoided.

I cannot keep this department up to that standard which is expected of me on the small appropriation which is now made, as every year supplies have to be purchased and repairs made, which cannot be deferred; and I do hope the ensuing year the matter of appropriation for this department will have careful attention, and instead of decreasing the amount an appropriation will be made of a sum sufficient to meet the absolute wants, as I am not one eager to exceed the appropriation, but have at all times expressed a desire to have the expenses less than the appropriation made.

Last year a new hose wagon was purchased for Hose Company, No. 7. This year a new hose wagon has been purchased for Hose Company No. 8, a set of double swinging harness for Hook and Ladder truck, a single swinging harness for Hose No. 4, new hind wheels for Steamer No. 2, new tubes for Steamer No. 3, one fire alarm box,—all of which have been paid for from this year's appropriation.

I mention this to show your honorable body that while the expenditures of this department may seem large, yet you can readily see that by the payment of the new apparatus and the repairs which I mention has made quite a demand upon the finances used in the maintenance of this department. Yet all of the above expenditure was absolutely needed, and could not be delayed; unless it would, in a certain degree, have a tendency to deprive this department of those things which are essential to maintain the reputation which we have striven hard to gain.

LIST OF FIRES AND ALARMS.

FOR THE YEAR ENDING NOV. 30, 1889.

1888.

Dec. 15.—Dwelling house on Merrimac street, owned by Mrs. John Currier; damage slight; cause, sparks from chimney.

Dec. 24.—Grass in burying ground on Hill street; damage slight; cause accidental.

1889.

March 14.—Wolfe Tavern, owned by E. P. Shaw; loss, \$350.65; insurance, \$19,000; cause, defective chimney.

March 25.—Forest fire near Gowen Dockam's on High street; damage slight; cause accidental.

May 21.—Dwelling house on Water street, owned by the heirs of Philip Brookings; loss \$800; insurance, \$1,000; cause, incendiary.

July 4.—Dwelling house on High street called the "Pillsbury" house; loss, \$300; insurance, \$300; cause, incendiary.

Sept. 3.—Caused by explosion of lamp in house on Marlboro' street, owned and occupied by D. A. Goodwin, jr.; loss, \$5.

Oct. 1.—Engine house east end of the Philadelphia & Reading coal pocket; loss, \$1,000; no insurance; cause, accidental.

Nov. 26.—Fire in Lynn; assistance asked; steamer and Hose Company No. 1 sent.

Nov 28.—Fire in Boston; assistance asked; steamer and Hose Company No. 2 sent.

Total loss\$ 2,455 65

Total insurance..... 20,300 00

LIST OF APPARATUS AND LOCATION OF SAME.

One second-class Amoskeag steamer, one four-wheeled hose carriage, fully equipped; in charge of Engine Company No. 1.

One second-class Amoskeag steamer, one Button & Son four-wheeled hose carriage, fully equipped; in charge of Engine Company No. 2.

One second-class Amoskeag steamer, one W. W. Wander four-

wheeled hose carriage, fully equipped; in charge of Engine Company No. 3.

One Gleason & Bailey hook and ladder truck, fully equipped; in charge of Hook and Ladder Company No. 1.

One four-wheeled hose carriage, fully equipped; in charge of Hose Company, No. 4.

One Dole & Osgood hose wagon, fully equipped; in charge of Hose Company No. 7.

One Dole & Osgood hose wagon, fully equipped; in charge of Hose Company No. 8.

One supply wagon; in charge of Capt. W. B. Porter.

One two-wheeled hose carriage, fully equipped; in charge of Horse Railroad employes.

One hook and ladder truck, not in use; stored on premises of Frank H. Plumer.

MEMBERS OF FIRE DEPARTMENT.

BOARD OF ENGINEERS.

Name.	Age.	Occupation.	Residence.
E. S. DOLE	42	Hatter,	Oakland street.
S. C. REED	44	Photographer,	Charter “
E. S. JOHNSON	42	Gardener,	Marlboro’ “
G. W. KNIGHT	56	Clerk,	Parker “

STEAMER AND HOSE COMPANY NO. 1.

(Fifteen members).

House East Side of Market Square.

Foreman—J. W. SARGENT.	Engineer and Treasurer—W. H. YOUNG
Ass't Foreman—G. E. NILES.	Ass't Engineer—R. S. BAILEY.
Clerk—E. P. ALLEN.	Fireman—J. P. NOYES.

MEMBERS.

Name.	Age.	Occupation.	Residence.	Badge.
J. W. Sargent	44	Reporter,	Brown street.	1
G. E. Niles	29	Shoe cutter,	Liberty “	2
E. P. Allen	35	Moulder,	So. Pond “	3
W. H. Young	33	Machinist,	Market square.	4
R. S. Bailey	29	Machinist,	Merrimac street.	5
J. P. Noyes	33	Shoemaker,	Middle “	6
R. Mitchell	29	Shoemaker,	Dove “	7
E. P. Chase	34	Fireman,	Ashland “	8
S. B. Carroll	34	Shoe cutter,	Merrimac “	9
A. F. Young	35	Expressman,	Spring “	10
H. Bowden	28	Merchant,	Market square.	11
G. A. Young	32	Expressman,	Charter street.	12
G. L. Richardson	34	Dresser,	Kent “	13
G. N. Ellery	30	Carpenter,	Prospect “	14
F. W. Knapp	35	Carpenter,	Merrimac “	15

STEAMER AND HOSE COMPANY NO. 2.

(Fifteen members.)

House on Federal Street, Corner of Horton.

Foreman—C. L. KIDDER. Engineer—P. H. BOLMAN.
 Ass't Foreman—W. W. HUTCHINS. Ass't Engineer—F. W. LANDFORD.
 Clerk and Treasurer—A. H. ADAMS. Fireman—G. N. BLACK.

MEMBERS.

Name.	Age.	Occupation.	Residence.	Badge.
C. L. Kidder.....	42	Painter.	Bromfield street.	18
W. W. Hutchins	40	Painter,	School "	29
A. H. Adams	40	Clerk,	Franklin "	
P. H. Bolman.....	36	Engineer,	Lunt "	25
F. W. Landford.....	31	Clerk,	Federal "	22
G. N. Black.....	52	Painter,	Bromfield "	19
C. W. Turner	42	Wood worker,	School "	16
T. C. Colman	30	Engineer,	Ship "	26
C. S. Blake	37	Machinist,	Fair "	21
E. E. Langlands	30	Clerk,	Chestnut "	30
C. H. M. Bartlett.....	39	Carpenter,	Milk "	20
G. E. Leighton.....	34	Shoe packer,	Prospect "	27
J. Gaddis.....	30	Machinist,	Temple "	28
A. Parsons.....	28	Shoe maker,	Bromfield "	17
B. G. Davis.....	42	Sail maker,	Horton "	23

STEAMER AND HOSE COMPANY NO. 3.

(Fifteen members.)

House on Congress Street.

Foreman—C. S. POST.

Engineer—W. H. P. HOWARD.

Ass't Foreman—J. N. CARTER.

Ass't Engineer—C. W. ADAMS.

Clerk—W. H. P. HOWARD.

Fireman—W. R. BRADBURY.

MEMBERS.

Name.	Age.	Occupation.	Residence.	Badge.
C. S. Post.....	30	Shoe cutter,	Boardman street.	31
J. N. Carter	24	Teamster,	Papanti court.	32
W. H. P. Howard	54	Baker,	Merrimac street.	38
C. W. Adams	42	Machinist,	Pond “	39
W. R. Bradbury	28	Shoe cutter,	High “	41
A. G. Warner.....	35	Hatter,	Olive “	42
G. O. Atkinson	22	Printer,	Munroe “	40
J. H. Page.....	26	Hatter,	Griffin's court.	36
W. L. Sutton	39	Painter,	Bromfield street.	33
J. F. White	23	Silversmith,	Merrimac “	35
J. T. Moore.....	27	Hackman,	Summer “	34
D. A. Anthony	28	Teamster,	Boardman “	45
E. Hardy.....	27	Shoe cutter,	Merrimac “	44
A. Roaf	22	Shoe cutter,	Merrimac “	37
C. W. Brown	22	Silversmith,	Merrimac “	43

HOOK AND LADDER COMPANY NO. 1.

(Fifteen members.)

House, East Side of Market Square.

Foreman—J. F. SULLIVAN.

Treasurer—G. P. DOLE.

Ass't Foreman—W. B. FROST.

Steward—E. C. TYLER.

Clerk—W. P. PHILLIPS.

MEMBERS.

Name.	Age.	Occupation.	Residence.	Badge.
J. F. Sullivan.....	21	Shoe shipper,	Water street.	46
W. B. Frost.....	24	Wood worker,	Middle “	62
W. P. Phillips ...	27	Shoe cutter,	Prospect “	49
G. P. Dole.....	20	Clerk,	Oakland “	61
E. C. Tyler.....	27	Shoe cutter,	Summer “	52
G. O. Stevens.....	32	Electrician,	Boardman “	47
J. P. Atkinson	22	Printer,	Market “	50
J. W. Gunning.....	27	Stock fitter,	Independent “	48
C. H. Tucker	34	Shoe cutter,	Olive, “	63
T. Leary	24	Plumber,	Water “	60
E. P. Frost	20	Shoe cutter,	Dalton “	53
J. F. Conley	24	Shoe trimmer,	Milk “	51
H. M. Lord.....	22	Shoe cutter,	State “	54
A. C. Hall.....	27	Conductor,	Water, “	55
G. P. Peckham	19	Shoe cutter,	Bromfield, “	56

HOSE COMPANY NO. 4.

(Ten members.)

House, East Side of Market Square.

Foreman—C. H. SHACKFORD. Clerk and Treasurer—G. W. SARGENT.
 Ass't Foreman—M. J. WILKINSON. Steward—C. H. SHACKFORD.

MEMBERS.

Name.	Age.	Occupation.	Residence.	Badge.
C. H. Shackford	32	Hair dresser,	Purchase street.	167
M. J. Wilkinson	49	Plumber,	Charter "	160
C. W. Gardner.....	36	Machinist,	Fair "	166
J. A. Bean.....	50	Dresser,	Otis Place "	157
G. W. Sargent	22	Silversmith,	Brown "	164
F. H. Marston	22	Silversmith,	Oakland, "	158
E. C. Lang	23	Shoemaker,	Marlboro' "	161
G. A. Banks	22	Painter,	Tyng "	159
J. B. West.....	24	Shoemaker,	Purchase "	163
E. P. Gartner.....	21	Silversmith,	Middle "	162

HOSE COMPANY NO. 7.

(Ten members.)

House on Merrimac, between Forrester and Ashland streets.

Foreman—J. L. LEWIS.

Clerk—E. H. WHITMORE.

Ass't Foreman—E. E. TOWNE.

Treasurer—G. A. COFFIN.

Steward—T. W. MITCHELL.

MEMBERS.

Name.	Age.	Occupation.	Residence.	Badge.
J. L. Lewis	31	Spoon maker,	Merrimac street.	66
E. E. Towne.....	29	Hatter,	Ashland “	67
T. W. Mitchell.....	31	Shoemaker,	Forrester “	98
E. H. Whitmore	25	Conductor,	Merrimac “	99
G. A. Coffin.....	34	Shoemaker,	Jefferson “	73
G. A. Carter	37	Shoemaker,	No. Atkinson “	77
P. Ives	23	Shoemaker,	Ashland “	71
F. Carson.....	22	Laborer,	Jefferson, “	110
C. Farrell	30	Shoemaker,	Jefferson “	90
A. Blackie.....	33	Hatter,	Maple “	80

CONCLUSION.

I cannot command words adequate to express the feelings of appreciation I have for all those who, either by deed or word, have been instrumental in the furtherance of this department the past year; and, on behalf of the members of this department, I take this opportunity of thanking you, one and all. I also remember with feelings of great pleasure His Honor the Mayor, the Board of Aldermen and the Committee on Fire Department, for the interest which they have taken, and the willingness which they have displayed in purchasing for this department all that has been absolutely needed to aid the efficiency, and help maintain the record it has had in the past. The city marshal and all members of the police force have not been unmindful of our interests, but have, in their usual way, aided us; and they, also, are entitled to our sincere thanks. To my assistants on the Board of Engineers, and all officers and members of the department, I can but compliment you for performing your duties in a manner which is highly creditable; and I certainly appreciate every effort you have made in this direction. And as this year is about to close, you have every reason to look back with feelings of gratitude that while you have been prompt in answering all alarms, and performed every duty in that manner which is above criticism, you have in a great degree been spared the toil and danger which is so characteristic of men of your calling; and while many departments of other cities have been called upon to mourn the loss of those who have heroically given up their lives while in the performance of their duties, we have been very fortunate, as not an accident of the slightest form has come to any of us, to even cast a shadow of sorrow over this department.

Yours very respectfully,

E. S. DOLE, Chief Engineer.

REPORT OF THE CITY SOLICITOR.

REPORT.

To the City Council of Newburyport :

GENTLEMEN :—The following actions at law, in which the city is a party, are now pending, or have been disposed of during the past year :

1. Newburyport vs. Creedon ; Superior Court, Essex County.

The city's exceptions to the ruling of the justice presiding in the Superior Court in the defendant's favor were overruled, and judgment entered for the defendant.

2. City of Waltham vs. Newburyport ; Superior Court, Middlesex County.

This case was tried in the Superior Court last February. Exceptions were then taken by the plaintiff to a judgment in the defendant's favor, and the same were argued last November in the Supreme Judicial Court. Decision reserved.

3. Anastasia Henry vs. Newburyport ; Superior Court, Essex.

At the time of my last report this case was pending in the Supreme Judicial Court, on the city's exceptions ; since then a decision has been made sustaining the same, and the case is now for trial again in the Superior Court.

4. Ruel Philbrick, et. al., vs. Newburyport ; U. S. Circuit Court, District of Massachusetts.

This case is not in my care.

5. City of Newburyport vs. City of Waltham ; Superior Court, Essex.

This case was tried last September, and judgment was then entered for the plaintiff. It was then carried to the Supreme Judicial Court on the defendant's exceptions, which have since been overruled, and the judgment in the Superior Court affirmed.

The previous history of the foregoing cases may be found in prior reports from this office.

The following cases were commenced this year :

1. Abbie A. Smith vs. Newburyport ; Superior Court, Essex.

This was an action of tort, brought in January, 1889, to recover damages for injuries done to the plaintiff's house on Marlboro' street by an alleged mob, on the first day of February, 1888 ; and the same was settled in August last without expense to the city, by the entry of "neither party."

2. Frank Paul vs. Newburyport.

3. Lula P. Janvrin vs. Newburyport.

These are actions of tort to recover damages for alleged injuries received by reason of the buggy in which the plaintiff was riding coming in contact with a pile of lumber on Merrimac street, in front of the building now occupied by Burley & Usher. The plaintiffs claimed that the lumber was insufficiently lighted. Mr. E. P. Shaw has been notified to come into court and defend these suits.

4. Adeline Poor, et. al., vs. City Council of Newburyport ; Supreme Judicial Court, Essex.

This is a petition for an injunction to restrain the city from widening State street at the corner of Pleasant, and to have the action of the city council in that matter, under its order of November 6, 1889, quashed. An injunction as prayed for was issued, to stand until otherwise ordered.

My receipts and expenditures have been as follows :

Paid for travelling expenses	\$80 74
for witness fees	50 70
for telegrams, copies, printing, etc.	22 07
for expert medical witness	10 00
for assistance	15 00
	\$178 51
Received from city.....	124 74
Due from city.....	\$53 77

Respectfully submitted,

NATHANIEL N. JONES, City Solicitor.

REPORT OF THE CITY MARSHAL.

REPORT.

To His Honor the Mayor and Board of Aldermen of the City of Newburyport :

GENTLEMEN—The whole number of arrests during the year ending December 31, 1889, for offences committed within the city of Newburyport, is seven hundred and sixty-one, of which four hundred and sixty-three were of foreign birth, two hundred and ninety-eight were born within the limits of the United States, twenty-five were females and seventy-eight were minors.

THE ARRESTS WERE FOR THE FOLLOWING CAUSES, VIZ.:

Assault and battery.....	42
Assault (mutual)	5
Concealing personal property bought on conditional sale	1
Non-support of wife.....	5
Arson, attempted	1
Selling oleomargarine without being properly marked.....	
Burglary	1
Breaking and entering	8
Disorderly house	1
Breaking glass.....	6
Drunkenness.....	431
Drunk, second offence.....	104
Drunk, third offence	43
Disturbing the peace	13
Defrauding hotel keepers.....	3
Defaulted	1

Escaped prisoner	1
Forgery	1
Fast driving	2
Fighting.....	1
Evading fare	6
Receiving stolen money	1
Insane.....	1
Larceny from building.....	2
Larceny	33
Larceny from the person	1
Neglected child.....	1
Malicious mischief.....	6
Selling goods under false pretences	1
On suspicion.....	1
Runaway boy.....	1
Stealing a ride	4
Profanity.....	3
Unlawfully using horse	1
" " boat	1
Vagrancy	1
Violation of the rules of the board of health.....	4
Violation of city ordinances	14
Violation of the lobster law	1
Violation of the liquor law	8
Total	761

DISPOSED OF AS FOLLOWS, VIZ.:

Appealed	12
Bound over to Superior Court	6
Cases continued.....	14
Cases settled without trial.....	4
Committed for non-payment of fine	180
Committed to State Reformatory	3
Discharged without complaint.....	77
Discharged by Court.....	34
Fined and paid.....	237
House of Correction	110
Newburyport Workhouse	6
Ordered to pay costs	19
Put on probation.....	22
Placed on file	18
Put under bonds to keep the peace.....	1
Defaulted.....	1

Turned over to other officers	6
Turned over to parents.....	5
Reformatory Prison, Concord	2.
" " Sherborn.....	1
Turned over to Board of State Charities.....	3

MISCELLANEOUS.

Amount of property reported lost.....	\$1,329 68
Amount of property recovered.....	1,415 04
Amount of imprisonment imposed.....	55 years, 5 months.
Accidents reported	85
Assisted other officers	373
Buildings found open and secured.....	123
Cases of truancy investigated.....	43
Complaints investigated	2,953
Defective places in streets reported.....	268
Dogs killed	18
Disturbances suppress without arrest	360
Escorts furnished processions.....	8
Fire alarms given	6
Fires extinguished without alarm	9
Injured persons assisted	39
Intoxicated persons helped home.....	131
Lights furnished for dangerous places.....	186
Lost children restored to parents.....	76
Meals furnished lodgers and prisoners.....	3,078
Nuisances investigated.....	67
Officers for extra duty at church.....	11
Officers for extra duty at City Hall.....	101
Persons provided with lodgings.....	1,057
Search warrant for liquor served.....	7
Street obstructions removed	528
Stray teams put up.....	71
Money taken from prisoners and returned	\$860 20
Persons ordered to remove snow	309

Respectfully submitted,

ASA W. EMERSON, City Marshal.

CITY OF NEWBURYPORT, Dec. 31, 1889.

REPORT OF THE BOARD OF HEALTH.

REPORT.

To His Honor the Mayor and the City Council :

GENTLEMEN :—The Board of Health herewith submits its report for the year 1889.

RECEIPTS.

Appropriation\$900 00

EXPENDITURES.

Salary of agent, and expenses	\$278 50	
“ G. H. Stevens, clerk, fifteen months	62 50	
“ C. W. Davenport, clerk, six months.....	25 00	
“ F. V. Pike, meteorological observer, and ex- penses.....	184 75	
Advertising and printing	101 50	
C. M. Lunt, cleaning city privies.....	19 25	
G. W. Woodwell, fumigating.....	13 00	
Sundry expenses.....	6 77	
		\$691 27
Undrawn	208 73	
		\$900 00

Of the amount undrawn two hundred dollars is due to Charles M. Lunt for services in removing house offal under contract.

REPORT OF AGENT.

Mr. D. C. Batchelder, the agent of the board, has faithfully attended to his duties, and presents the following summary of

 NUISANCES ABATED ON COMPLAINT.

Privy vaults (full or offensive).....	122
Cesspools (overflowing or defective).....	65
Filthy yards.....	31
Dead animals buried.....	27
Sinks without traps.....	25
Waste water running into streets.....	13
Filthy barn cellars.....	6
Foul culverts.....	5
Filthy house cellars.....	4
Violation of swine ordinance.....	4
Foul cisterns and wells.....	4
Filthy hen pens.....	2
Offensive cow stables.....	1
Filthy house.....	1
General nuisances.....	10
	320
Nuisances abated without formal complaint.....	86
Total.....	406

He has also placed 105 warning cards upon houses where scarlet fever and diphtheria have prevailed, and has made many unrecorded visits to premises where the occupants have needed advice as to the proper sanitary arrangements necessary for health.

REMOVAL OF NIGHT SOIL AND CONTENTS OF CESSPOOLS.

Early in the season it was deemed advisable by the Board to place the removal of the contents of the privy vaults and cesspools under the charge of one responsible person, who, by having the whole city to attend to, would be more likely to give the work the prompt and careful attention such work demands. An advertisement was accordingly issued asking for proposals for the work, the same to be performed with the "odorless excavator." The following propositions were received: E. B. Gabin, of Medford, price \$2 per load of twelve barrels; C. H. Kelleher, of Newburyport, \$2 per load of twelve barrels, for a term of years; Jere Cashman, of Newburyport, \$2 per load of twelve barrels, exclusive right for three years; C. M. Lunt, of Newbury, \$1.75 per load of twelve barrels, exclusive right for three years.

The Board voted to give the contract to Mr. C. M. Lunt, he being the lowest bidder, and the work has been faithfully performed. The amount removed by Mr. Lunt has been 1,293 loads of twelve barrels each, or 15,516 barrels. Beside the amount removed by Mr. Lunt 100 loads, of twelve barrels each, were removed by Mr. Cashman before Mr. Lunt's contract went into effect, making in all 1,393 loads, of twelve barrels each, or 16,716 barrels. In addition to the above Mr. Lunt has removed during the summer months 56 loads of dead fish, decayed vegetables, and other matter from the docks and around the wharves.

COLLECTION OF HOUSE OFFAL.

Being desirous of abating, if possible, the nuisance caused by the collection of house offal in hand carts, wheelbarrows and other vehicles, proposals were issued looking to its collection by contract, under the direction of one responsible party.

Mr. Jeremiah Cashman and Mr. Charles M. Lunt each proposed to take the contract for the term of three years, at \$300 per year. Before action was taken on these propositions Mr. Cashman withdrew his proposal, and no other proposal being made, the contract was given to Mr. Lunt. After the friction caused by the introduction of this method had subsided, the plan was found to work well, and to the public advantage. A section of the upper part of the city was given by Mr. Lunt, with the consent of the Board, to Mr. Sidebotham to cover, and the balance of the city has been attended to by Mr. Lunt, or by those acting under his direction.

CONTAGIOUS DISEASES.

During the year there have been reported to the Board the following number of contagious diseases:

Diphtheria	65,	of which 11 have been fatal.
Scarlet fever	40,	" 1 " "
Typhoid fever	22,	" 5 " "
Measles	11,	" none " "

In all cases of contagious diseases the Board has required warn-

ing cards placed upon the house, and a strict fumigation of the premises.

INFLUENZA.

In the month of December many of our citizens were afflicted with this troublesome disease. From reports received from physicians of many other cities and towns, we do not think Newburyport suffered as severely as many other localities; a few deaths, however, have occurred, attributable to the complications of this disease.

CO-OPERATION OF PHYSICIANS.

There is no class of citizens who can do more to aid the endeavors of the Board of Health to prevent the spread of contagious diseases than our physicians, and the Board has endeavored to impress upon them the necessity of their co-operation. We are pleased to report that in most cases our physicians have made prompt returns to us of the contagious cases to which they have been called; and although from one or two sources we have heard it said "there was too much red tape," yet in the main our physicians have cordially given their aid to the desires of the Board to have as perfect a system as possible in relation to contagious diseases.

SEWERAGE.

We would take this occasion to urge upon those of our citizens who are living in that part of the city now covered by the sewerage system the expediency of their making early connection with the sewers, for the very general use of city water will cause many of our cesspools to overflow and become a source of danger; and one of the most frequent complaints to the Board has been of cesspools overflowing, and their contents running upon the surface of the ground.

DR. H. F. ADAMS,

our late city physician, was obliged during the year, by reason of failing health, to resign his position on the Board and seek a more

congenial climate. We desire to testify to the faithfulness and ability with which he performed his duties, and to the deep interest he felt in all that tended toward the sanitary welfare of the city.

MORTALITY STATISTICS FOR 1889.

Deaths (exclusive of still-born), 297. Males, 137 : females, 142.
Native born, 229 ; foreign born, 50.

Respectfully submitted,

ERNEST H. NOYES, M. D., Chairman.

JOHN F. YOUNG, M. D.

C. W. DAVENPORT. Clerk.

METEOROLOGICAL OBSERVATIONS.

REPORT.

To the Board of Health :—

GENTLEMEN :—I respectfully submit the following as the tenth annual report of meteorological observations in this city, under your supervision.

At the outset I would congratulate you, and through you all our citizens and the public generally, that by means of the liberal, intelligent and far-sighted policy of successive city governments this series of observations, so successfully commenced in 1879, under the former observer, Mr. Karl Castelhun, and in conformity to the recommendation of the National Board of Health, has been continued unbroken for a period now amounting to a whole decade. Such observations increase greatly in value with length of continuity, and the present series has now attained such length as to be already of great value in the study of climateology, and the influence of climatic conditions on disease and mortality. The health of a community is largely dependent on the varying conditions of the weather, and the ability to study these conditions for a long series of years, in connection with health statistics, must inevitably result in the determination of such alliances of cause and effect between them as to enable persons the more effectually to guard against sickness due to such causes, and so to promote the health and longevity, and consequently the prosperity, of the community.

Another aspect in which the value of these observations may be

shown is their use as evidence in suits, in which damages are claimed against the city by reason of accidents. During the four years in which I have made the observations I have been three times summoned into court to testify in these matters, and I can safely say that this evidence has saved the city hundreds, if not thousands, of dollars. In the first of these cases (*Hall vs. City of Newburyport*; Superior Court, Essex, September sitting, 1886), the evidence from the records reduced the probability of proving the city's liability to such an extent that the case was settled without completing the trial, by the payment of a very small sum of money. The second case was *Adams vs. City of Newburyport*; Superior Court, Essex, at Salem, December sitting, 1887. In this case I was summoned by the plaintiff, but the evidence of the records was of such a nature as to relieve the city from all responsibility for the accident, and the verdict was for the defendant. The third case was that of *Arthur vs. City of Newburyport*; Superior Court, Suffolk, at Boston, June, 1888, in which the plaintiff claimed four thousand dollars for injuries received from falling into a gutter near the foot of Strong street. In this case it was shown that the city was liable by reason of an improperly constructed gutter at that point; but the evidence as to the condition of the weather at that time, showing an extraordinary rainfall in connection with the deep snow then on the ground, essentially reduced the liability of the city, and the result was a verdict for only one thousand dollars.

In this aspect alone the value of the observations is proved to be such as to far out-weigh the trifling cost to the city of their maintenance.

The observers and the station of observation have remained the same as for the past four and one-half years, and the instruments used were the same as in the preceding year.

The instruments belonging to the city, in use at the present time, are as follows: One mercurial barometer, two mercurial thermometers (dry and wet bulb), one mercurial self-registering maximum thermometer, one spirit self-registering minimum thermometer, one copper rain-gauge, one (reserve) galvanized iron rain-gauge, one anemometer with electric self-recording anemograph, battery, wire, etc., one self-recording aneroid barometer,

and one pair of sunshine recorders. In addition to these instruments the observer has had the use, through the courtesy of the New England Meteorological Society, of a valuable self-recording aneroid thermometer. These instruments are all in good condition. The "normals" used in the following tables, and elsewhere in this report, are obtained from the observations of the past ten years, except those of the movement of the wind, which cover only seven years.

ATMOSPHERIC PRESSURE.

All readings under this head are expressed in inches and fractions thereof, and are obtained from observations of the standard mercurial barometer, at an altitude of 72.7 feet above mean sea level. These readings are corrected for temperature, elevation and instrumental error, but not for standard gravity, the reduction for which would probably be $-.007$ inch.

TABLE I.

		1889				
		Departure from				
Month.	Normal.	Mean.	Normal.	Max.	Min.	Range.
January	30.060	29.993	— .067	30.655	29.073	1.582
February	30.068	30.069	+ .001	30.904	29.267	1.637
March	29.912	29.865	— .047	30.503	28.858	1.645
April	29.959	29.982	+ .023	30.520	29.390	1.130
May	29.985	29.958	— .027	30.317	29.532	0.785
June	29.948	30.002	+ .054	30.464	29.513	0.951
July	29.927	29.985	+ .058	30.348	29.644	0.704
August	29.993	30.067	+ .074	30.427	29.776	0.651
September	30.060	30.059	— .001	30.384	29.391	0.993
October	30.060	30.033	— .027	30.470	29.524	0.946
November	30.048	30.045	— .003	30.636	29.283	1.353
December	30.033	30.100	+ .067	30.960	29.085	1.875
Mean	30.004	30.013	+ .009	30.549	29.361	1.188

The mean pressure for the year was 30.013 inches or .009 inch above normal. Highest annual mean in ten years, 30.024 in 1880; lowest, 29.963 in 1885.

The highest point reached by the barometer during the year

was 30.960 inches on the 31st of December, and the lowest was 28.858 inches on the 7th of March. Range for the year, 2.102 inches. Highest pressure recorded in ten years, 31.016 inches in 1887; lowest, 28.772 inches in 1886; extreme range, 2.244 inches. The pressure was slightly above normal in February, April, June, July, August and December, and slightly below in January, March, May, September, October and November, there being no departure of more than .074 inch. The greatest monthly ranges were, as usual, experienced in the winter months, those of January, February, March and December exceeding 1.5 inch. The smallest ranges were those of May, July and August, all of which were less than .8 inch. January was marked by less storms than usual, but of greater severity, that of the 21st being preceded by the abnormal barometric fall of 1.19 inch in 14 hours. The storms of February were of no more than moderate energy. The distribution of the pressure during the month was very peculiar. During the first 19 days it was almost continuously below 30 inches, while during the remainder of the month it was continuously above 30 inches, averaging 30.56 for the period of nine days. In March the oscillations of pressure, though slow, were great, and the month was a stormy one, as usual. There were no great fluctuations of pressure, and hence no severe storms, in any of the months from April to October, both inclusive, the range of pressure for that entire period of seven months being only 1.13 inch. In November the changes of pressure were much greater and more rapid, culminating in a fall of 1.25 inch as the storm of Thanksgiving morning came on. December was very changeable, depressions following each other at very short intervals, but there were no severe storms until the 26th, when, after a very energetic depression, a gale of 44 miles an hour, the heaviest of the year, occurred. The year closed with an abnormally high pressure of 30.96 inches.

The following shows the mean difference of pressure at the times of the several daily observations:

Annual mean at 7 a. m.....	30.032
" " 2 p. m.....	29.988
" " 9 p. m.....	30.019
Mean of all observations.....	30.013

Decrease of pressure from 7 a. m. to 2 p. m. .044 inch ; increase from 2 to 9 p. m., .031 inch.

TEMPERATURE OF THE AIR.

The air temperature is obtained from the readings of standard thermometers about 14 feet above the ground, in a NNE exposure, and protected by a shelter allowing abundant ventilation. All thermometer readings are expressed in degrees Fahrenheit.

TABLE II.

Month.	Normal.	1889				Maximum for 10 Years.	Minimum for 10 Years.
		Mean.	Dep. from Normal.	Max.	Min.		
January	24.8	32.7	+7.9	58.3	7.2	60.0	-14.8
February	26.3	24.4	-1.9	47.8	-4.0	64.0	- 7.0
March	32.1	36.7	+4.6	63.9	20.5	70.0	- 3.4
April	43.9	46.5	+2.6	75.8	30.0	86.5	18.3
May	55.2	58.9	+3.7	92.0	38.0	96.0	30.0
June	65.2	67.5	+2.3	86.3	45.8	96.8	40.0
July	69.2	68.1	-1.1	86.5	52.2	97.6	47.7
August	67.0	65.3	-1.7	83.2	49.2	95.5	42.3
September	60.5	61.2	+0.7	84.1	39.9	97.0	31.3
October	49.1	46.9	-2.2	73.3	29.5	87.0	24.9
November	39.8	42.1	+2.3	66.3	19.3	72.4	11.0
December	30.3	35.3	+5.0	62.6	7.6	65.0	-12.0
Mean	47.0	48.8	+1.8	73.3	27.9	82.3	17.4

The mean annual temperature was 48.8° . This is 1.8° above normal, and is the highest annual mean for ten years ; lowest, 45.5° in 1889. The highest temperature recorded during the year was 92.0° on the 10th of May, and the lowest was -4.0° on the 24th of February. The latter date was the only day during the year when the temperature fell below zero, while the only other instances of extreme heat than the one quoted above were : May 9th, 90.6° ; May 18th, 91.8° . Annual range for 1889, 96.0° . Maximum for ten years, 97.6° , in 1887. Minimum for ten years, -14.8° , in 1887. Extreme range, 112.4° .

The means at the times of the several observations were as follows:

Mean temperature at 7 a. m	45.7°
“ “ 2 p. m	54.7
“ “ 9 p. m	47.4
Mean of all observations	48.8

The year, as a whole, was the warmest on record in this city. Every month had a mean temperature above normal except February, July, August and October, and in none of these was the deficiency as great as 2.5° , while January, March, May and December each showed an excess of more than 3.5° . January was unusually warm, averaging nearly 8° above normal, the temperature not falling below 7° above zero during the entire month. February was slightly below normal,—a very good winter month, while March was unseasonably warm again, 20° being the lowest point reached during that month. April, May and June were all warmer than the average, resulting in a forward and delightful spring. In May the hottest weather, and in fact the only intensely hot weather, of the year was experienced, the temperature passing 90° on three different dates, after which month a temperature of 87° was not reached during the year. July and August were slightly below normal, September a fraction of a degree above, and October below, the latter month being a noticeably cool one. November was a warm month, averaging less than 5° cooler than October, and December was the warmest for eight years, averaging 5° above normal, and having, like January, no record lower than 7° above zero.

RANGE OF TEMPERATURE.

The daily and monthly range of temperature appear in the following table:

TABLE III.

Month.	Normal Monthly Range.	Monthly Range, 1889.	Normal Daily Range.	Daily Range, '89		
				Mean.	Max.	Min.
January.....	56.6	51.1	16.4	15.5	24.2	4.2
February.....	54.9	51.8	17.8	17.2	31.6	5.2
March.....	51.0	43.4	16.3	15.5	32.8	5.5
April.....	53.9	45.8	18.9	17.1	38.5	5.4
May.....	53.8	54.0	19.9	20.9	38.3	9.8
June.....	47.3	40.5	21.6	19.1	32.6	9.7
July.....	42.3	34.3	19.8	16.6	26.5	7.5
August.....	43.2	34.0	19.5	16.2	25.3	6.7
September.....	47.7	44.2	17.8	14.6	28.7	3.6
October.....	49.7	43.8	17.7	15.3	29.4	7.1
November.....	52.0	47.0	16.2	14.0	26.8	5.9
December.....	55.6	55.0	15.3	17.9	26.6	6.2
Mean.....	50.7	45.4	18.1	16.7	30.1	6.4

The monthly ranges for 1889 were, almost without exception, very small, those of July and August being among the smallest ever recorded here, while the greatest, that of December, was only 55°.

The daily ranges were generally small, also, averaging less than the normal every month but May and December. The greatest daily range occurred on the 11th of April, when the temperature rose 38.5°, under the effect of intense insolation and fresh SW. winds. A rise of 38.3° was recorded on the 9th of May under precisely similar circumstances. The smallest daily range was 3.6°, on the 11th of September, during the prevalence of a dry northeasterly storm. The last cold wave of the spring was felt on the 22d of April, and the first one of the fall on the 21st of October. The sharpest cold wave of the winter was a fall of 30° in seven hours, on the morning of Feb. 23d. Numerous instances of a sudden rise or a sudden fall, amounting sometimes to several degrees in as many minutes, were faithfully recorded by the thermograph, the continuous records of which are preserved and permanently filed for future use and discussion.

RELATIVE HUMIDITY.

The relative humidity, or dampness, of the air is determined by

the aid of standard tables, from the comparative readings of the dry bulb and wet bulb thermometers, and is expressed in per cent. of saturation, 100 per cent. being total saturation.

TABLE IV.

		1889				
Month.	Normal.	Departure from			Min.	Range.
		Mean.	Normal.	Max.		
January	66.8	72.9	+6.1	100	30	70
February.....	66.5	67.2	+0.7	100	28	72
March.....	64.6	68.8	+4.2	98	20	78
April.....	63.7	71.0	+7.3	100	26	74
May	70.4	74.2	+3.8	99	24	75
June	72.3	78.1	+5.8	100	40	60
July	74.9	81.8	+6.8	100	43	57
August.....	77.1	84.3	+7.2	100	46	54
September.....	78.4	84.9	+6.5	99	39	60
October ..	75.2	78.0	+2.8	99	40	59
November	70.9	78.3	+7.4	100	32	68
December	69.0	71.4	+2.4	97	38	59
Mean.....	70.8	75.9	+5.1	99.3	33.8	65.5

The mean relative humidity for the year was 75.9 per cent. This is more than 5 per cent. above normal, and is the highest annual mean on record; lowest, 68.4 in 1883. The mean of every month, without exception, was above normal, the excess in January, April, June, July, August, September and November being unusually great. In each of these latter instances, except April, the monthly mean was the highest for the corresponding month in the whole period of ten years; and that of September, 84.9 per cent., was the highest on record for any month since the observations were begun in this city. This excessive and unabated dampness, lasting through the entire year, made the weather to a noticeable extent uncomfortable, and aided not a little in the generation and spread of disease.

The highest daily mean was on the 6th of January, when total saturation was recorded at every observation, a heavy northeasterly rain storm prevailing all day. The lowest daily mean was

38.7 per cent. on the 22d of April, a clear day, with a high northwest wind. The lowest recorded relative humidity during the year was 20 per. cent., at the 2 p. m. observation, March 14th. In the month of September there was a period of excessive dampness lasting thirteen days, when the average was 92.4 per cent. for the whole period, and in November there were five consecutive days, with an average of 94.6 per cent.

The means at the times of the several tri daily observations were as follows :

Mean relative humidity at 7 a. m.....	8.16	per cent.
“ “ “ 2 p. m.....	65.0	“
“ “ “ 9 p. m.....	81.2	“
“ “ “ from all observations..	75.9	“

PRECIPITATION.

This is measured in a standard Badger gauge, situated in a good exposure, one foot above the ground, on grass land, and is expressed in inches and hundredths.

TABLE V.

Month.	Normal Precipita- tion.	—1889—				Depth Snow.	Days Rain or Snow.	Dura- tion, hours
		Rain- fall.	Melted Snow.	Total Pre- cipitation.	Dep. from Normal.			
January	5.26	4.55	1.34	5.89	+0.63	10.0	8	107
February	4.52	1.44	0.86	2.30	—2.22	9.0	10	93
March.....	3.96	2.90	0.30	3.20	—0.76	2.0	8	136
April.....	3.23	3.55	*—	3.55	+0.32	1.0	12	96
May.....	3.67	4.13		4.13	+0.46		12	53
June	2.53	4.35		4.35	+1.82		10	58
July.....	3.76	6.79		6.79	+3.03		12	79
August.....	3.50	2.89		2.89	—0.61		10	44
September, .	3.32	2.82		2.82	—0.50		9	49
October	3.86	4.71		4.71	+0.85		15	96
November ...	4.21	8.15	*—	8.15	+3.94	*—	12	99
December ...	3.92	2.84	0.68	3.52	—0.40	7.0	15	81
Sums..	45.74	49.12	3.18	52.30	+6.56	29.0	133	991
Means..	3.81	4.09	0.26	4.36	+0.55		11.1	82.6

The total amount of precipitation during the year was 52.30 inches. This is 6.56 inches above normal, and the greatest annual total on record, excepting that of 1888, when it reached the abnormal amount of 60.26 inches. Least annual total in ten years, 32.59 inches, in 1880.

Of the above amount of 52.30 inches 49.12 inches was in the form of rain, and only 3.18 inches of melted snow. The depth of the snow, yielding this amount when melted, was 29 inches.

The precipitation was well distributed throughout the year, February, June, July and November being the only months in which the excess or deficiency amounted to more than one inch. February showed the only marked deficiency during the year, when the precipitation was only 50 per cent. of the normal amount. There was a large excess in June, and a very marked excess, amounting to nearly 100 per cent., in both July and November. January, April, May and October showed slight excesses, and March, August, September and December slight deficiencies. The total for February was the smallest, and that of November the largest, for their respective months, in ten years. By far the greatest precipitation in a single day, recorded during the past year, was that of November 28th, when 4.10 inches of rain fell in less than seventeen hours, during the passage of a violent storm from the lakes across northern New England. This is 0.80 inch greater than the greatest 24-hour rainfall previously recorded here in ten years. From the 27th of July to the 3d of August, a period of eight days, rain fell every day, amounting to 3.23 inches, or an average of 0.40 inch per day, while from the 14th of August to the 14th of September the total precipitation was 0.07 inch. During the latter period a surface drought, the only one of the year, existed.

The total depth of snow for the year was 29 inches. This is about 34 inches less than the normal, and is, by nearly 20 inches the smallest amount recorded in the past ten years; greatest, 98 inches in 1887. The last appreciable snowfall of the spring was on the 2d of April, though a few flakes fell on the 6th, and the first of the autumn was on the 21st of October. The heaviest fall of the season was on the 20th and 21st of January, when 9 inches of snow fell.

There were 18 thunder storms during the year, distributed as follows :

In April, 2; June, 4; July, 4; August, 5; and September, 3. The first one of the season occurred April 20th, and was of much more than the average severity, the lightning striking in several places in and near Newbury; the last one was on the 21st of September. As a rule the storms were above the average for severity, those of April 20th, June 5th, 10th and 28th, July 17th and 30th, and August 1st, 2d and 3d being especially so. The storm of June 28th was accompanied by a high northerly wind, and a violent down-pour of rain, amounting to 1.37 inch in one hour and three quarters; that of July 30th by a miniature tornado, blowing down one or more good sized trees; and that of July 17th by the most destructive hail storm in the memory of the oldest inhabitant. Hail fell again on the 7th of August.

The whole number of days on which rain or snow fell, in sufficient quantity to be measurable, was 133, and the duration of its fall was 991 hours, equal to 41 days, 7 hours.

WIND.

This element of the weather will be considered in two branches, viz. : the movement of the wind, of which continuous automatic records have been kept throughout the year, and its direction, of which tri-daily observations were taken. The wind movement in the tables below is expressed in miles, and the directions are recorded to the four cardinal and the four intermediate points.

MOVEMENT OF THE WIND.

TABLE VI.

Month.	Normal Monthly Movem't.	Monthly Movem't.	1889			Max. Hourly Velocity.	Mean Hourly Velocity
			Daily Mean.	Movement Max.	Min.		
January....	5147	4759	153.5	432	58	32	6.4
February...	4723	3875	138.4	313	62	30	5.8
March	5682	5609	180.9	393	37	31	7.5
April.....	4509	4371	145.7	242	72	26	6.1
May	3939	2871	92.6	149	39	28	3.9
June	3036	1926	64.2	173	28	26	2.7
July	2837	2207	71.2	144	24	33	3.0
August.....	2776	1539	49.6	117	15	21	2.1
September.	3003	2741	91.4	236	12	25	3.8
October....	3796	3569	115.1	339	32	25	4.8
November..	4212	3581	119.4	266	31	29	5.0
December..	4736	4165	134.4	290	45	44	5.6
Sums....	48,396	41,213					
Means..	4,033	3,434	113.0	258	38	29.2	4.7

The total movement of the wind for the year was 41,213 miles. This is about 7000 miles less than normal, and is the least annual movement in seven years; greatest, 54,490 miles in 1883. The movement of every month was below its corresponding normal, the greatest deficiencies occurring in February, May, June, July, August, November and December. The greatest monthly movement was 5609 miles in March,—very nearly the normal; the least was in August, 1539 miles. This was more than 1200 miles less than normal, and the least monthly movement recorded here in seven years. The greatest daily movement was 432 miles on the 6th of January, and the least was 12 miles on the 3d of September. The maximum hourly velocity recorded during the year was 44 miles an hour on the morning of December 27th, the only severe gale of the year. There was no other velocity greater than 33 miles an hour. The average daily movement was 113 miles, and the mean hourly velocity 4.7 miles.

High winds, of 30 or more miles per hour, were recorded as follows:

TABLE VII.

Date.	Direction.	Max. Velocity.	Date.	Direction.	Max. Velocity
January 7.....	NE.	30	March 14.....	W.	31
" 9.....	S.	31	July 30.....	W.	33
" 10.....	SW.	31	December 9	S.	32
" 17.....	S.	32	December 12.....	NW.	33
" 19.....	NW.	30	December 26.....	W.	37
February 6.....	W.	30	December 27.....	W.	44

DIRECTION OF THE WIND.

Following is the table of wind directions, as recorded at the tri-daily observations:

TABLE VIII.

Month.	Prevail- ing Wind.	Mean Direction.	N	NE	E	SE	S	SW	W	NW	Calm
Jan.....	NW	W 2 ⁵ / ₁₆ N	7	6	8	3	11	18	17	21	2
Feb.....	W	W 21 ¹⁵ / ₁₆ N	16	5	4	5	4	12	24	14	0
March....	NE	W 72 ¹¹ / ₁₆ N	11	22	6	4	8	7	20	14	1
Apr. NE & NW		E 80 ³² / ₁₆ N	12	15	12	6	14	9	7	15	0
May, SW & W		W 74 ⁵⁶ / ₁₆ S	4	9	8	15	15	16	16	7	3
June.....	SW	W 45 ⁴⁴ / ₁₆ S	2	4	4	7	18	29	17	8	1
July	SW	W 34 ²³ / ₁₆ S	6	7	11	6	17	18	10	15	3
Aug	SW	W 15 ⁴ / ₁₆ S	9	6	10	5	8	20	16	11	8
Sept.....	NE	W 20 ⁸ / ₁₆ N	2	23	8	0	15	16	14	9	3
Oct.....	N	W 46 ²⁸ / ₁₆ N	23	11	6	5	6	15	14	12	1
Nov.....	W	W 9 ²⁸ / ₁₆ N	7	9	5	3	7	16	26	17	0
Dec	W	W 9 ¹⁵ / ₁₆ N	9	7	5	4	9	16	23	20	0
Sums...			108	124	87	63	132	192	204	163	22
Means...W		W 1 ³⁶ / ₁₆ N									

The prevailing wind of the year was west, and the mean direction from all observations was W 1° 36' N, very near the normal. Northwest was the prevailing wind of January, west in February, November and December, northeast in March and September, southwest in June, July and August, and north in October, while in April northeast and northwest were of equal prevalence, and in May southwest and west. The mean direction was between west and north during the first three and the last four months of the year, between west and south in May, June, July and August, and between east and north (very much northeast) in April. Next

to west the winds, in frequency, came southwest, followed in order by northwest, south, northeast, north, east and southeast. The predominance of northeast and north winds in March, September and October was principally due to the frequent occurrence of severe storms moving slowly up the coast, inside of the Gulf Stream, and passing this locality to the seaward.

GENERAL STATE OF THE WEATHER.

In the following tables appear the number of observations in each month, as well as the whole year, at which the different conditions of weather prevailed; also the number of clear, fair and cloudy days, and the number of days on which 0.01 inch or more of rain or snow fell.

TABLE IX.

Month.	Clear.	Fair.	Cloudy.	Foggy.	Hazy.	Light Rain.	Heavy Rain.	Light Snow.	Heavy Snow.	Hail
January	42	14	23	0	0	9	2	2	1	0
February ...	42	11	16	1	0	5	0	9	0	0
March	32	13	30	0	0	10	3	4	0	1
April	31	16	29	3	0	8	2	0	0	1
May	36	22	23	5	1	5	1	0	0	0
June	30	25	23	0	6	3	3	0	0	0
July	31	17	32	4	0	7	2	0	0	0
August	39	19	20	4	4	5	2	0	0	0
September ..	23	14	36	4	6	6	1	0	0	0
October	31	12	39	1	0	8	1	0	0	1
November ..	29	20	32	0	0	5	2	2	0	0
December ..	41	16	23	3	0	5	2	1	2	0
Sums	407	199	326	25	17	76	21	18	3	3

The number of observations showing a clear sky was 407, or 37 per cent. of all observations; 216, or 20 per cent., showed a partly clouded sky (classed as fair or hazy); and at 472 observations, or 43 per cent., a larger proportion than usual, it was wholly overcast.

TABLE X.

Month.	Clear Days.	Fair Days.	Cloudy Days.	Days when 0.01 in. rain or snow fell.
January	10	15	6	8
February	9	13	6	10
March	6	12	13	8
April	7	12	11	12
May	5	19	7	12
June	7	14	9	10
July	8	10	13	12
August	11	14	6	10
September	7	10	13	9
October	7	9	15	15
November	7	12	11	12
December	11	12	8	15
Sums	95	152	118	133
Means	7.9	12.7	9.8	11

The number of clear days was considerably smaller than for some years past, while the number of fair days was much larger, and of cloudy days slightly larger, than in recent years. January, February, August and December were the pleasantest months, May and June also yielding much pleasant weather. April and November, on the other hand, were not as pleasant as usual, while March, July, September and October were abnormally unpleasant.

In brief, 1889 was remarkable for its great dampness, its warmth, especially in the open character of its winter months, its freedom from severe general storms, and for its destructive local hail storm of the 17th of July.

SUMMARY OF MISCELLANEOUS PHENOMENA.

Following are the dates of occurrence of the various miscellaneous phenomena observed :

Frost.—Jan. 4, 11–15, 18, 23–26, 31; Feb. 2–4, 8, 11, 14, 16, 20, 21; March 1, 2, 13; April 11, 15, 16, 23; May 27 (very slight); Oct. 8, 9, 11, 17, 22; Nov. 4, 6, 7, 11, 16, 17, 26, 29; Dec. 1, 8, 10, 17, 20.

Last killing frost of the spring, April 23; first of the autumn, Oct. 17.

Fog—Jan. 21; Feb. 5, 6, March 4; April 7, 19, 20, 26, 27, 29; May 7, 8, 17, 20, 21, 30; July 1, 2, 23, 29; Aug. 5, 6, 7, 24, 27, 29, 30; Sept. 1, 2, 6-9, 15; Oct. 28; Nov. 1; Dec. 18, 22, 25.

Solar Halos—Jan. 8, 26, 29; Feb. 4, 6, 22; March 4; April 7, 11, 16, 17; May 25, 27; June 3; Oct. 3, 17, 23; Nov. 8, 21; Dec. 5, 8, 15, 30.

Lunar Halos—Jan. 15, 19; Feb. 13; April 11, 16; May 10; Oct. 31; Nov. 7, 8; Dec. 30.

Thunder Storms—April 20, 21; June 5, 10, 15, 28; July 17, 23, 30; Aug. 1, 2, 3, 7, 13; Sept. 16, 21.

Distant Thunder without Rain—May 10, June 11, July 23; August 1, 3.

Lightning at a Distance—April 20; May 10, 25; July 20, 23, 29; Aug. 2, 3, 7, 22, 23.

Aurora—April 7, July 20, Oct. 18, Nov. 26, 29.

Hazy or Smoky Atmosphere—March 13, May 5, 6, 8-10, 13; June 14, 18, 24, 25; Aug. 2, 18, 19, 31; Sept. 1, 4, 18, 31; Oct. 12; Dec. 8.

Hail—July 17, Aug. 7.

Meteors—March 25, April 30.

Snow from a Cloudless Sky—Feb. 26.

FRANCIS V. PIKE.

Newburyport, Mass., Feb., 1890.

REPORT OF SURVEYOR OF HIGHWAYS.

REPORT.

The highway question has become a vital one, and now demands the attention of all.

The old system of road-making and the renewing of the same has had its day, and the general public demand not Milton's broad and ample road, whose dust is gold and pavement stars, but such a road as Macadam or Telford, the authorities of road-making, point out as the cheapest and most durable in the end. They call for paving where heavy teaming is done—allowing that to be the best for all purposes,—the cost of which is not less than \$2.25 per square yard; adding, also, that all companies and persons who remove them, for whatever cause, be required to re-lay them, with the best of material and labor, at their own expense.

Macadam says for driving roads, his plan is to cover with stone to the depth of twelve inches, and roll thoroughly with stone not over two inches square for the outside covering, not allowing them to be molested except at such times when all who contemplate opening are ready to do so at once, at a cost of \$2 per square yard.

I have never yet heard a person, during the three years I have held this position, say a word against the paving of the streets, remarking that it would last, and that the city ought to do some every year. This is an expression of my views taken from authorities on such matters, who make it their business and are well

qualified to treat of the case, and from observation on my own part.

WHAT HAS BEEN DONE DURING THE YEAR.

This has been quite a long season, from April 1st, without much interruption, to the date of December 25. The city teams in this line of duty have hauled 10,000 loads of gravel and stone this season, averaging for 173 days 57 loads a day, at a cost of manual labor, 17 3-4 cents per load, independent of the team,—\$1.775.00 ; also, laid 1,118 yards of paved gutters, three feet in width, in different streets of the city ; also laid 208 feet of crossing stones, necessitating 185 yards of paving in connection.

On Horton street the loam was removed and the street graveled, at a cost of \$170.

What was necessary for safety and use on Butler's Court was done, at a cost of \$40.

Since the sewerage contract was given out much labor has been done about the city for the contractor, Captain John A. Douglass, which is included in the highway expenses ; but he is to reimburse the city for the amount charged to his account.

The pavers were removed from Merrimac street to convenient localities, to be relaid in the coming spring, at a cost of \$48.

Many foot bridges have been broken by teams this year, and they are built and repaired from the highway fund. Amount this year, \$85.

In the distribution of gravel this year many roads have been benefitted, and a large tract of sidewalks was renewed.

There are many of the roads on the out-lying districts of Newburyport which demand immediate attention another year. But all the territory that the highway fund is supposed to cover, with the fences, rails and repairs of posts, annually takes from the amount considerable money, which cannot be avoided.

The sand purchased for the winter's use—two cargoes, including rent—cost the highway department \$215.

The crossing stones purchased this year, and not used at the present time, stand to its credit of \$140.

In regard to the frequent comments on the condition of the

roads for the present year, and the ready modes that are advocated for the repairing of them, any thoughtful or fair-minded person can recall at once the great quantities of rain this year, and the unusually large quantities for the last five years,—nearly 25 feet upon a level; also the introduction of sewerage, tearing up the streets to a depth that no living person of this generation has ever seen. And it must be added that for some years to come, while the people are entering them, it will be difficult to keep the roads in repair. And until it has been tested the wisest heads are in the dark. The lateness of the season in which parts of the work were done, and the continuance of the same, together with the hurried manner in which certain parts of the work have been done, leaves doubts in many minds that we have not seen what picking has yet to be done.

To the gentlemen comprising the highway committee for the year now brought to a close: I have herein given you a statement of the amount of labor performed, and can simply add that for the outlay you have reason, I trust, in the eyes of your constituents, to warrant your part in the expenditures of the year 1889.

CREDITS TO THE FUND SPENT.

Sand for use of present winter.....	\$100 00
Crossing stones	140 00
Labor removing pavers from Merrimac street.....	48 00
Bill for labor, and approved by Capt. John A. Douglass, to date of November 15, 1888	215 00

N. B.—For the benefit of the person holding the position of surveyor of highways, the city should require all companies to leave a notice at City Hall of what street, and with the proviso that all work shall be done as soon as possible, after once commenced upon.

Yours very respectfully,

CHARLES M. PRITCHARD,

Surveyor of Highways.

ASHES AND RUBBISH.

In this department the amount weekly collected increases, and, with the additional streets, another year will find the amount of money appropriated pretty snug. From December 1, 1888, to December 1, 1889, 3,125 loads were collected.

December, 1888.....	244 loads.
January, 1889.....	189 "
February, "	264 "
March, "	257 "
April, "	320 "
May, "	301 "
June, "	300 "
July, "	259 "
August, "	273 "
September, "	211 "
October, "	270 "
November, "	237 "

3,125 loads.

Twelve men employed weekly, independent of team, at a weekly cost of \$15.81 3-4, fifty-two weeks in the year.....	\$822 50
3,020 loads sold, at 5 cents per load	151 00
	\$671.50

A weekly average of 60 loads for the year.

The amount to be credited to the city for use of teams in the collecting is as follows: Allowing nine hours to each of the double, and nine hours to each of the single teams, at the regular

prices of 50 cents and 30 cents per hour, for 52 weeks in the year makes the amount as follows:

\$21.60, weekly	\$1,123.20
Pay of men in collecting	822 50
	\$1,945 70
3,020 loads sold at 5 cents	151 00
	\$1,794.70

This was the actual cost of this department for the year now closed.

EDGESTONES AND SIDEWALKS.

The city has laid the present year 1,132 feet of edgestone, the abuttor paying 34 cents of the cost per foot, amounting to \$384.88.

Also relaid 696 feet in various parts of the city, at the cost of 10 cents per foot; amount, \$69.60.

There remains upon the city landing 450 feet to the credit of this year, at 50 cents per foot, amounting to \$202.50.

276 feet have been sold to individuals in the city for private use, at 55 cents per foot; amount, \$151.80.

BRICK SIDEWALKS AND CONCRETING.

142 yards of concreting has been done, at an expense to the city of 25 cents per yard; amount, \$35.50.

291 yards of brick sidewalk have been relaid, entirely at the city's expense of 30 cents per square yard; amount, \$87.30.

Bricks used and paid for by the city for the above work, \$40.80.

Repairs to different streets throughout the city amount to \$32.28.

Seven hundred and fifty-three yards have been laid in the city this year where the abuttors furnish the bricks, the city finding sand to lay them, clearing the debris, and paying 30 cents per yard for the laying, amounting in the total to 50 cents per square yard. amount, \$376.50.

As the city is required to keep all sidewalks in repair at her own expense, I think all incorporated bodies or private individuals who remove them to facilitate their business, should be required in the replacing of them to hire persons who are competent in that line of business; also, to provide good material for the renewing of the work.

BRIDGES AND CULVERTS.

Although this is an independent department from highways, much devolves upon the surveyor of highways to look after them. It did not appear at the opening of the year that there would be a cause for much outlay ; but with the introduction of sewerage and the interception of culverts the trouble commenced. And as I am prejudiced on the one-outfall system, pardon me if I state here that the theoretical without the practical, to my mind, does not work. And during the time I have held this position I have seen the culvert on the line of the sea wall so packed with stubble and thatch as to take the combined efforts of men with forks to remove the same ; compared to a ship with but one hatch, a house with one pair of stairs—not calculated for the exigencies that may naturally arise, and, as the saying is, looks well on paper, regardless of cost and future trouble for those who come after.

On the line of the sewers it was necessary to cut apart the culverts to allow them heights ; and in quite a number of them it was necessary to make inclined planes for the passage of surface water, while others have been remedied by drain pipe. And as they are brought nearer to the surface, some alarm is felt about their freezing during the extreme cold weather, and the collections of slush and snow of the winter months. They will have to be extended before many years, at considerable expense, and it does not look right to have them tampered with. During the year there was an extension to the one at the foot of Marlboro street—24 feet of stone, at a cost of \$25 ; also, the building of a brick

culvert across the premises of Thomas H. Lunt, on Water street, —50 feet; at a cost of \$50. The clearing of the others, almost weekly, on account of the pump along the line of the sewers, has occasioned much outlay.

We also built quite a number of bridges over the streams in the out-lying districts, all of which expenses are charged to this department.

Most of the culverts on the line of Water street and Merrimac street will have to be looked after and repaired another year.

Whatever has been spent during the year that has closed I trust has been judiciously expended for the common good of all citizens whom you represent.

Yours respectfully,

C. M. PRITCHARD.

REPORT OF BOARD OF ASSESSORS.

REPORT.

To His Honor the Mayor and the City Council :

GENTLEMEN : The Board of Assessors respectfully report that the whole amount of property on which taxes have been levied for the current year was \$9,296,235, from the following sources :

Real estate	\$6,449,865
Personal estate, including resident bank tax	2,846,370
An increase over last year of	\$563,890

The value of vessels engaged in the foreign trade and exempt by law, amounting to \$310,411.95, is not included in the above ; but the income of such vessels, amounting to \$23,119.22, is included. It will be noticed that there has been a very large increase in the income from foreign shipping, which is highly gratifying and encouraging to owners of property in this important department of this, our city's industry.

The rate of taxation for 1889 was \$14.80 on each \$1000 assessed. The poll tax, \$2. Whole number of polls, 3,985.

Tax on \$9,296,235 ..	\$137,584 27
Tax on polls	7,970 00
	\$145,554 27

For the following purposes :

City expenses	\$147,165 36
Less a portion of city income	23,000 00
	<u>\$124,165 36</u>
State tax	9,120 00
County tax	8,771 16
Overlay or surplus tax	3,497 75
	<u>\$145,554 27</u>

Number of dwelling houses, 2,292; horses, 677; cows, 272; oxen, 20. Total number of tax payers, 5,007. Number taxed for property, 2,267. Number taxed for polls, 2,740.

Valuation of exempted property :

Religious societies—real estate	\$255,500
Invested funds	33,100
Beneficent and charitable real estate	35,000
Invested funds	205,800
Literary institutions—real estate	90,000
Invested funds	91,000
Total amount of exempted property	<u>\$710,400</u>

The above figures justify our confidence in the policy we have adopted, of continuing a moderately higher valuation with the increase of the estate, and a lower rate of taxation, as an easier and better mode of meeting the annual expenses of the city. So gradually the rate of taxation has been reduced in four years from \$18 to \$14.80 per thousand, till we are among the lowest taxed cities in the commonwealth; and we see no reason why this course may not be repeated, or continued, in the future, without an excessive valuation. The present year, 1889, has been the most prosperous Newburyport has seen in more than a half-century. It excels any part of that period in the quicker, higher, varied and multiplied demand for real estate, the large additions to personal property, and in the increase of profitable business of every variety.

In 1888 there was a deficiency in the appropriations of some \$13,000, which sum, overdrawn, was expended at the new alms-

house, on the bridge, the school house, and the widening of Water street at the foot of Fair, for which no appropriations had been made. This year, 1889, not only have these overdrawings been balanced and the annual expenses met, but \$50,000 sewerage bonds issued, with an increase of the public indebtedness by only \$19,508. This, without the bonds named, would have allowed of a reduction of the city debt by \$30,492, which was beyond all anticipation, and is greatly to the credit of the city government. The city debt now stands nominally at \$403,985, but in that is included trust funds, never to be paid, and the interest of which goes to the city treasury, amounting to \$56,750; and it also includes \$74,000 in bonds of the City Railroad, which is dividend paying, and being deducted actually reduces the city debt to \$273,235, against which is public property at a low valuation of \$378,000. If there was any object in showing the public debt at its lowest possible point we might enumerate other funds—for education, Public Library, free reading rooms, and devoted to public uses, which otherwise might be burdensome upon the public. In fact, the city debt is such a trifle that it should not be a cause for murmuring. A portion of this debt, \$111,000, falling due in a few months, is in 6 per cent. bonds, which can be refunded in 4 per cent. at a premium. While thus the liabilities of the city and the causes of taxation are diminished, we have before us its rapid growth, the increased value of real and personal property, and the flourishing condition of our industries. Not the present generation of citizens, nor their fathers before them, ever saw the outlook of Newburyport so brilliant as before us today.

ANDREW J. HAYNES,	}	Assessors.
GEORGE J. L. COLBY,		
JOSEPH L. JOHNSON.		

REPORTS OF TRUST FUNDS.

REPORTS.

THE SIMPSON FUND.

TREASURER'S OFFICE, }
Dec. 21, 1889. }

To His Honor the Mayor and the City Council :

GENTLEMEN :—I herewith respectfully submit a report of the condition of the Simpson Fund at the close of the financial year, ending at date, in accordance with city ordinance :

Total funds December 15, 1888.....	\$20,000 00
Interest on investments in 1889.....	900 00
	\$20,900 00
Paid to City of Newburyport for watering streets during year 1889.....	900 00
Total funds December 21, 1889	\$20,000 00

INVESTED AS FOLLOWS:

City of Newburyport note for \$20,000, bearing interest at rate of 4 1-2 per cent. per annum.

Respectfully submitted,

JAMES V. FELKER, Treasurer.

THE FOLLANSBEE FUND.

To His Honor the Mayor and Board of Aldermen :

GENTLEMEN :—In compliance with existing rules and regulations relating to the Follansbee Fund, as treasurer of said fund I have the honor to submit to you the sixteenth annual report, showing the condition of the fund, and what the income has enabled its trustees to accomplish for the year ending December 30, 1889, in carrying out the will of the donor.

FUND INVESTED AS FOLLOWS:

Three thousand dollars in City Railroad bonds at 7 per cent	\$2,850 00
Deposit in Five Cent Savings Bank	120 00
Deposit in Institution for Savings.....	30 00
	\$3,000 00

INCOME ACCOUNT.

Unexpended balance from 1888	\$ 22 81
Coupons due in March	105 00
“ “ September.....	105 00
Interest on deposit withdrawn.....	25 00—\$257 31

EXPENSE ACCOUNT.

Paid Messrs. B. F. & F. L. Atkinson	\$136 46
“ “ “	113 97— 250 43
Balance on hand to new account	\$ 7 38

The distribution of fuel to individuals and families by wards as follows :

Distributed in ward one	\$32 84
“ “ two	18 52
“ “ three.....	14 01
“ “ four	87 25
“ “ five	8 25
“ “ six.....	89 56
	\$250 43

The amount of stove coal distributed, 52,500 lbs., $26\frac{1}{4}$ tons; pine wood, 67 cord feet, or $8\frac{3}{8}$ cords; hard wood, 13 cord feet, or $1\frac{5}{8}$ cords. The wood in nearly every instance has been delivered sawed and split; long wood only delivered when the recipients were known to be physically able to perform such labor.

Total number of single orders issued, 49; varying in amounts from \$1.75 to \$8.25.

Eighteen individuals or families were supplied but once, six were supplied twice, two were supplied three times, two four times, and one five times.

The five persons or families supplied three times each or more disposed of \$95.66, something more than one-third of the entire income for the year. It would, perhaps, be an improvement to spread so large an amount over a larger number, in three of these five only a single individual being benefited.

It is to be hoped that before many years some kindly disposed person will see how much comfort can be afforded from a small amount of money, and will donate other funds for a like purpose. The high rate of interest of the present investment, on its maturity, cannot be repeated, and the benefactions from this fund must necessarily be reduced nearly one-half.

Respectfully submitted,

GEORGE H. STEVENS, Treasurer.

Newburyport, Jan. 24, 1890.

REPORT OF THE SEALER OF WEIGHTS AND MEASURES.

To His Honor the Mayor and the City Council of the City of Newburyport :

GENTLEMEN:—I herewith respectfully submit to you my report for 1889.

Milk licenses issued by Mr. Huse.....	20
" " J. W. Gunnison.....	29
Dealers registered.....	27
Average of samples of milk tested by Lactometer... ..	18.56
" " " " Lactoscope	3.5
Oleomargarine license issued.....	1
Samples of vinegar tested.....	3
" kerosene tested	0
Loads of charcoal measured	17
Scales tested and found correct.....	251
" " incorrect, and adjusted	41
Weights tested and found correct	724
" " incorrect and adjusted.....	32
Measures sealed by Mr. Huse	4
" " J. W. Gunnison	80
Steel tape	1
Yardsticks	6

Respectfully submitted,

JAMES W. GUNNISON.

Sealer and Inspector.

Newburyport, Jan. 1, 1890.

REPORT OF THE CITY REGISTRAR.

REPORT.

REGISTRAR'S OFFICE, March, 1890.

The following statistics relating to births, marriages and deaths in the city of Newburyport, for the year ending Dec. 31, 1889, are compiled and presented in this form for purposes of comparison with former years, and may be interesting to some.

BIRTHS.

The number of children born alive during the year 1889, and recorded in this office, is 281, fourteen less than the preceding year.

Of the births 161 were males and 120 females,—41 more boys than girls; and reversing the condition of things of last year, when the girls were ahead to the number of 23. But one returned as illegitimate. There were five pair of twins, in two of which both were males, the other three male and female.

Births occurred by months and quarters as follows :

1st Quarter.	2d Quarter.	3d Quarter.	4th Quarter.
January....24	April....26	July.....23	October....25
February...20	May ....30	August.....25	November..26
March .....23	June ....21	September..16	December..22
67	77	64	73

	Fathers.	Mothers.
Born in the United States.....	190	176
“ Provinces	32	36
“ Ireland.....	45	51
“ Other foreign countries.....	14	18
	<u>281</u>	<u>281</u>

Of 49 children born both parents were returned as natives of Newburyport. Of 94 the fathers are natives of this city, and 109 mothers natives of Newburyport.

MARRIAGES.

The number of intentions filed and certificates issued from this office for the year 1889 was 159, 24 more than the preceding year. All have been returned for record, the marriages having been solemnized in this city or elsewhere.

The number of marriages recorded on the books of the city is 169, 34 more than the preceding year. One hundred and forty-four were solemnized in this city, and 25 elsewhere.

Marriages in each month and quarter were as follows:

1st Quarter.	2d Quarter.	3d Quarter.	4th Quarter.
January....20	April....16	July .....21	October....17
February ..10	May 8	August....14	November .17
March .....11	June ....12	September.. 8	December .15
<u>41</u>	<u>36</u>	<u>43</u>	<u>49</u>

Marriages were solemnized by the following named clergymen and officials:

Congregational—Charles P. Mills.....	15
Willis A. Hadley.....	17
Samuel J. Spalding..	5
Daniel T. Fiske	10
Samuel A. Harlow	7
Unitarian—Samuel C. Beane.....	5

Methodist—F. K. Stratton.....	4
James F. Allen.....	8
E. A. Howard	5
Episcopal—J. H. VanBuren	12
Roman Catholic—Arthur J. Teeling.....	22
M. E. Twomey.....	15
William F. Riordan	4
Presbyterian—B. D. Sinclair.....	4
Baptist—Louis A. Pope.....	3
Advent—John Pearson.....	1
Justice of the Peace—George H. Stevens	2
E. F. Bartlett.....	2
Horace I. Bartlett.....	1
Non-resident clergymen	27

Average age of grooms, 27.53 years; average age of brides, 23.40 years; united ages of the oldest couple, 134 years,—the second marriage of each. The united ages of the youngest couple 34 years,—groom 18, bride 16. There were fifteen grooms under 21 years of age,—one 17, two 18, five 19, and seven 20 years of age. There were eight brides under 18 years, four being 16 years and four 17 years of age.

First marriage of 155 grooms and 156 brides; second marriages, 12 grooms and 12 brides; and the third marriage of 2 grooms and 1 bride. One couple, the third trial of each; yet their united ages was but 79 years.

DEATHS.

Deaths occurring in the city of Newburyport for the year 1889 were 291 (not including 12 stillbirths), four less than the preceding year. The number recorded on the books of the city, 374; of this number 71 occurred in other places, and were brought to this city for interment.

The number of interments in this city exceeded the deaths by 25; the number brought here exceeded the number removed to other places. Of the number removed fourteen were interred in Newbury.

Deaths by months and quarters :

1st Quarter.	2d Quarter.	3d Quarter.	4th Quarter.
January....23	April ...18	July .....27	October....29
February...35	May.....34	August.....34	November .14
March .....21	June ....20	September..19	December .29
79	72	80	72

The largest number occurring in February, the shortest month, and the smallest number in November, one of the long months.

The number of deaths from the so-called zymotic diseases, 26—fourteen more than the preceding year; the increase all accounted for in fatal cases of diphtheria.

Consumption still claims the largest number—43, five less than the preceding year; heart disease and pneumonia, 19 each; old age, 18; paralysis, 14; appoplexy, 10; cholera infantum but 9.

Deaths from all causes under ten years, 104; fifty years old and upward, 129. Three were between ninety and one hundred, and one over one hundred years old.

Average age of deceased in this city for the year, not including stillbirths, 39.47 years.

GEORGE H. STEVENS, Registrar.

MALL IMPROVEMENT ASSOCIATION.

REPORT.

To the Honorable the Mayor and the City Council of the City of Newburyport :

GENTLEMEN:—In behalf of the Mall Improvement Association, a body of your citizens voluntarily associated together for the purpose of beautifying and improving the Bartlet Mall, with the pond and grounds adjoining, we, the undersigned, respectfully beg leave to present the following memorial of the money raised and expended and the work done by our Association, under the powers granted to us by the joint resolution of the city council of September 4th, 1888, and accepted by us September 13th, 1888.

The whole amount of money raised by us was \$3,541.05, from 204 contributors, whose names and the amounts given by each appear in the following list.

LIST OF CONTRIBUTORS TO THE FUNDS OF THE MALL IMPROVEMENT ASSOCIATION, 1887-1889.

S. W. Marston	\$ 200 00
Mrs. G. H. Corliss and Miss Corliss	200 00
A. Caldwell	100 00
G. J. Caldwell	100 00
Lemuel Coffin	100 00
E. P. Dodge	100 00
A. B. Jaques	100 00

H. B. Little	100 00
C. W. Moseley	100 00
E. S. Moseley	100 00
F. S. Moseley	100 00
W. O. Moseley	100 00
E. F. Stone	100 00
A. J. Teeling	100 00
A. C. Titcomb	100 00
S. A. Caldwell	60 00
J. W. Dodge	50 00
M. E. Hale	50 00
Mrs. Mary A. Shaw....	50 00
Eben Sumner	50 00
W. H. Swasey	50 00
Charles Thurlow	50 00
G. W. A. Williams	50 00
Fourth of July Committee	33 13
Executive Committee, to supply deficit	32 39
P. H. Blumpey.....	25 00
T. H. Boardman.....	25 00
S. B. Carter	25 00
J. W. Coffin.....	25 00
Misses Cole.....	25 00
J. B. Creasey and Miss Creasey	25 00
Joshua Hale and Mrs. A. L. March	25 00
J. M. Hills	25 00
Samuel March	25 00
Mrs. J. M. Moseley.....	25 00
James Parton.....	25 00
J. Pearson & Son	25 00
Miss H. M. Rounds.....	25 00
E. P. Shaw.....	25 00
T. G. Todd	25 00
R. N. Toppan.....	25 00
Mrs. B. T. Tredick	25 00
W. D. Wheelwright	25 00
F. A. Howe.....	20 00
W. R. Johnson and Miss Johnson.....	20 00

H. H. Coker.....	15 00
John Homer.....	15 00
L. F. Barton.....	10 00
W. H. Bent.....	10 00
George Butler.....	10 00
John Caldwell.....	10 00
John Coombs.....	10 00
J. V. Felker.....	10 00
J. A. Greeley.....	10 00
Stephen Greene.....	10 00
Mrs. E. C. Grenville.....	10 00
Benjamin Hale.....	10 00
W. J. Hale.....	10 00
P. K. Hills.....	10 00
Mrs. J. R. Ireland.....	10 00
J. R. Ireland, Jr.....	10 00
J. O. Knapp.....	10 00
Samson Levy.....	10 00
Miss Susie Morss.....	10 00
Newburyport Herald.....	10 00
C. Noyes, Jr.....	10 00
W. H. Noyes & Bro.....	10 00
T. O'Connell.....	10 00
J. N. Pike.....	10 00
R. B. Robertson.....	10 00
C. H. Sargent.....	10 00
Mrs. S. A. Simpson.....	10 00
G. H. Stevens.....	10 00
W. C. Stone.....	10 00
A. W. Thompson.....	10 00
A. H. Wells.....	10 00
F. L. Wilder.....	10 00
J. O. Winkley.....	10 00
Miss J. R. Wood.....	7 00
E. P. Russell.....	5 61
H. F. Adams.....	5 00
G. F. Avery.....	5 00
G. E. Balch.....	5 00

H. D. Balch	5 00
J. H. Balch	5 00
Lewis Balch	5 00
Miss A. P. Bassett.....	5 00
S. C. Beane	5 00
C. A. Bliss	5 00
C. H. Bliss	5 00
J. H. Bradbury	5 00
Cash	5 00
S. Brookings, Jr	5 00
K. Castelhun.....	5 00
W. E. Chase.....	5 00
L. D. Cole	5 00
J. C. Colman	5 00
C. H. Conway	5 00
P. H. Creasey	5 00
W. J. Creasey	5 00
W. C. Cuseck.....	5 00
T. E. Cutter.....	5 00
C. H. Danforth	5 00
W. A. Davis & Son.....	5 00
C. W. Dodge.....	5 00
H. D. Dodge	5 00
W. A. Eastman	5 00
O. L. Farley.....	5 00
J. G. Faxon	5 00
D. T. Fiske	5 00
Mrs. E. F. Fitch	5 00
David Foss	5 00
Friend.....	5 00
Cash	5 00
Mrs. W. Graves.....	5 00
E. A. Hale.....	5 00
L. M. Hatch & Sons.....	5 00
W. F. Houston.....	5 00
A. L. Huse	5 00
W. B. Ingalls.....	5 00
Mrs. Ingraham.....	5 00

R. Jacoby	5 00
N. N. Jones	5 00
G. P. Knapp	5 00
T. B. Lawson	5 00
W. U. Lawson	5 00
B. J. Legate	5 00
W. A. Little	5 00
W. P. Lowell	5 00
P. H. Lunt	5 00
T. P. Mackinney	5 00
D. J. Merrill	5 00
C. P. Mills	5 00
W. Moulton	5 00
W. T. Nelson	5 00
J. H. Newman	5 00
Amos Noyes	5 00
D. F. Noyes	5 00
News Publishing Co.	5 00
G. H. Pearson	5 00
Edward Perkins	5 00
M. P. Perley	5 00
Mrs. E. A. Pike	5 00
F. V. Pike	5 00
L. W. Piper	5 00
G. H. Plumer	5 00
H. C. Plummer	5 00
Edward Reddy	5 00
A. G. Reynolds	5 00
G. W. Richardson	5 00
Safford & Lunt	5 00
C. F. Smith	5 00
C. T. Smith	5 00
G. W. Snow	5 00
Moses Stevens	5 00
C. W. Stiles	5 00
F. G. Stone	5 00
F. E. Taft	5 00
M. S. Thompson	5 00

S. H. Thurlow	5 00
D. D. Tilton	5 00
Paul Titcomb	5 00
J. H. VanBuren	5 00
E. E. Varina	5 00
S. K. Whipple	5 00
Mrs. C. Wills	5 00
H. LeB. Wills	5 00
N. N. Withington	5 00
H. A. Wilson	5 00
F. O. Woods	5 00
J. J. & W. Woods	5 00
G. W. Worcester	5 00
J. Yerxa & Co.	5 00
J. F. Young	5 00
Rufus Morrison	3 42
C. L. Ayers	3 00
J. M. Brown	3 00
Herman Castelhun	3 00
G. F. Drew	3 00
D. M. Felch	3 00
John Graham	3 00
A. W. Greenleaf	3 00
G. M. Roaf	3 00
R. P. Williams	3 00
O. D. Pillsbury	2 50
David Magowan	2 00
Noyes Bros.	2 00
Cash	1 00
W. B. Blake	1 00
C. W. Cook	1 00
S. H. Fowle	1 00
Cash	1 00
F. W. Greene, Jr.	1 00
W. B. Hopkinson	1 00
M. B. Little	1 00
Alfred Osgood	1 00
J. D. Parsons	1 00

Miss M. C. Pearson.....	1 00
M. D. Randall	1 00
C. C. Toppan	1 00
E. F. Welch.....	1 00
W. J. Minchin	1 00
Cash	50
C. W. Page	50
	\$3,541.05

This entire amount has been expended as follows :

EXPENDITURES.

Paid Luther Dame, for surveys.....	\$ 12 62
Charles Eliot, for plans and designs.....	88 00
A. F. Hunt, for printing	4 00
W. H. Huse & Co., for printing	14 00
News Publishing Co., for printing	33 00
E. Perkins, for stakes	7 00
Jere Kelleher, contractor, for grading, etc....	2,888 48
S. M. Gerrish, stock and labor on steps.....	103 60
J. P. Titcomb, engineering	116 80
G. O. Stevens, labor	17 50
E. Jaques, collecting subscriptions	5 00
L. H. Noyes & Co., labor painting steps	4 00
Sundry men, labor by the day after Sept. 7th..	170 81
J. C. Stanley, lawn grass seed, wire, etc.....	32 00
Paul Titcomb, hay seed	3 00
J. C. Colman, ploughing and rolling.....	32 80
Sundry minor expenses	8 44
	\$3,541 05

We desire publicly to acknowledge our gratitude to all the above contributors, through whose generosity we have been enabled to succeed in the accomplishment of so large a proportion of our projected work. Our thanks are also due to the city government of 1889 for its hearty co operation in many departments, es-

pecially the highway and fire departments, the former for supplies of gravel and turf, resetting edgestones, use of roller, etc., and the latter for valuable services rendered and hose furnished in connection with the removal of the water of the pond and refilling the same.

Grateful acknowledgement is also made for materials furnished and labor performed gratuitously by the following parties :

Newburyport Water Co., supply of water for twice refilling the pond.

G. W. Hunt, C. W. Dodge and A. J. Teeling, gravel and loam.

Jere Kelleher, John Foley and Tim Maroney, labor.

David Smith, use of ox-team for ploughing.

C. R. Sargent, use of force pump and repairs on same.

L. H. Noyes & Co., paint stock for steps.

F. E. Davis, repairs on lawn mower.

Newburyport Herald and Daily News, printing.

Miss G. E. Page, type writing.

Luther Dame, surveying.

T. Ronan, mason work.

The improvements which have resulted from the money expended are such, we think, as will be appreciated during the coming years by our citizens, and will be of great benefit to our city. The work accomplished may be briefly outlined as follows :

BARTLET MALL.

This was ploughed up, and the entire surface removed, to a depth of from two to twelve inches. It was then filled up to the desired level, with a fine quality of gravel in the center, and with loam along the sides. This was then carefully graded, making a slight inclination of the slope toward High street, and a gravel walk was laid out near the centre, thirty feet wide and running the entire length, and grass plats along the edge, eleven feet wide

on the side toward the pond and fifteen feet wide on the High street side, with frequent openings on each side. The borders of the grass plats were turfed, and the interior sown with first quality lawn grass seed.

The embankment of the Mall was entirely reconstructed. The old surface was broken down, a new grade and slope established, and the bank was then built up anew with loam, and turfed throughout its whole length.

At the east end of the Park the whole surface was ploughed up and graded and laid out in large grass lawns, with gravel paths of eight and ten feet width intersecting it in various directions, where the necessities of travel seemed to demand.

EAST VALLEY.

The half-constructed embankment around the east end of the pond, which had been allowed to remain unimproved for a number of years, a hideous eye sore to all, was wholly broken down and an entirely new construction adopted. This was in the form of a gradually sloping valley, from the upper level, about 150 feet in length, to the shore of the pond. In the centre of this valley a gravel walk sixteen feet wide was laid out, with grass lawns on each side sloping very slightly from the foot of the steep embankment toward the path. On each side of the path a gutter was built, two feet in width, and paved with cobbles. This valley opens a very pretty view of the pond and the interior of the park from the east end, and from the vicinity of the statue, and furnishes one of the two gradual approaches to the pond shore.

POND STREET LAWN.

The large area on Pond street, from Greenleaf street eastward, occupied until within a few years by private residences and gar-

dens, and which since the removal of the houses has never been improved heretofore, was ploughed, cleared of rocks and rubbish, and carefully graded to make a gradually undulating surface for a handsome lawn. This area contains a surface of about 28,000 square feet, and is bounded by the Pond street sidewalk and a gravel path eight feet wide, following in a gradual curve the brink of the southerly embankment. This lawn was smoothed, rolled and sown late in the autumn. It is the only large and unbroken lawn in the park, and should be carefully protected from being trespassed upon for walking or playing, for some years, at least, until the sod becomes firm and strong.

The embankment on the southerly side of the pond was broken down and entirely rebuilt, from the east end to the point where the culvert from Pond street enters the park. This was wholly re turfed ; but as some of the turfing was done late in the season, it had not sufficient time to become thoroughly rooted before the close of the growing season. As a result it has been somewhat injured by the subsequent rains, and about thirty five feet of it was washed away by the unprecedentedly heavy rain of the morning of Thanksgiving Day. This experience has made it evident that a gutter should be laid to take care of the water from the Pond street lawn, and that some provision is necessary in order to conduct it to the pond without allowing it to flow over the bank.

GREENLEAF STREET.

On this street the sidewalk was straightened near the southerly end, and was cut down a few inches to make the slope more uniform. A large excavation was made at the point where the sidewalk formerly curved to meet the steps descending to the lower terrace, and where an extensive ridge ran out obliquely from the sidewalk on to the lawn. Here the embankment was rebuilt so as

to make a straight line and uniform slope from the point of its beginning near Pond street to the beginning of the curve on Greenleaf street. This was turfed for a distance of about 150 feet, to the point where the new construction met the old bank. At the Auburn street end the sidewalk was also cut away for a distance of about 150 feet, so as to maintain a nearly uniform width, and the embankment was rebuilt correspondingly and was turfed.

TERRACE PATH.

A path eight feet wide was cut out along the whole length of the lower terrace, from the Auburn street end, to meet the path bordering the Pond street lawn, and extending to enter the Greenleaf street sidewalk at the end of the embankment, where the two grades came together near Pond street. This path was graded with fine gravel, and (as were the others previously mentioned) marked with a border of turf.

The lower embankment was rebuilt and turfed for a distance of about 125 feet from the Auburn street end of the terrace path.

THE PLAYGROUND.

In the northerly portion of the park, near the junction of High and Auburn streets, an open space, as large as could be conveniently obtained, was realized to be a necessity for the accommodation of the children of the neighboring schools. Accordingly an extensive filling was made at this point, on the side toward the pond; and the area formerly occupied by the West Male Grammar School, and which had remained at a lower level than the Mall ever since, was brought up to the grade of the Mall and rounded out toward the pond, so as to make a level playground, 150 feet long by 125 feet wide. This was graded with coarse gravel, but

will probably need some more of the same material this year to counteract the settling that has occurred during the winter. The embankment of this area was not turfed, as it was deemed certain that so deep a filling (over eleven feet on the edge) must settle considerably during the winter. This expectation has already been thoroughly justified.

The Auburn street approach to the pond was graded so as to obtain a more uniform slope. The roadway is now sixteen feet wide for the upper half of its length, then branching into two diverging arms, each twelve feet wide and running to the shore of the pond. The borders of these paths were marked out with turf, and the triangular space between the two branches was raised and carefully graded with very rich loam, and sown with the finest quality of lawn grass. With proper attention this should become a beautiful piece of lawn.

THE BEACH, OR POND SHORE.

The outline of the pond was corrected by such excavations and fillings as were required to make the curves more symmetrical and better conformed to the general shape of the basin. Hundreds of loads of gravel were then distributed around this border, making a level beach, twelve feet wide, around the entire contour of the pond, at a grade corresponding, as nearly as could be ascertained, to the normal height of the water.

The edge of this beach toward the pond was protected, as far as possible, by coarser material; and in many places it was covered with stones, as a defence against the washing of the water. This was not expected to be entirely adequate to the purpose, but was the best thing that could be done under the circumstances; and it is sincerely hoped that in the near future it may become possible to substantially enclose the pond with a heavy granite curb, and

thus effectually prevent the further erosion of the beach. Between the beach and the foot of the embankment, on every side, the sloping spaces were graded with loam, marked with a border of turf, and sown with grass seed.

This completes the details of the work of grading, etc., and it should be remarked in passing that the small portions of the park, immediately in the front and rear of the Court House and within twenty feet on each side of it, were not touched, and should be excepted from the above enumeration where applicable, as the property belongs to the county of Essex, and the county commissioners assured us that they would assume that portion of the work.

STEPS.

Three new flights of wooden steps were constructed from the top to the bottom of the high embankments, at locations where there were none before, viz: Opposite the head of Court street; in front of the Putnam Free School building; and from the path bordering the east end of the Pond street lawn.

MASONRY.

The end of the Pond street culvert, where it opened through the embankment, was rebuilt and the opening finished with brick, and a gutter three feet wide laid from the foot of the bank to the shore of the pond. Gutters two feet wide were paved (as stated above) on each side of the path in the East Valley, each about 200 feet in length. A crib was strongly built of brick laid in Portland cement, to protect the strainer at the end of the water main. This crib is built on a stone foundation at the bottom of the pond, is three feet in inside diameter at the bottom and arches over at the top, leaving a circular opening about two feet in diameter, which is closed by a cast-iron cover weighing 100 pounds. The crib has

two 8x8 openings on the side toward the center of the pond, and forms the first substantial protection the water pipe has ever had against dirt washing down and clogging the strainer.

CLEANING THE POND.

Almost the entire volume of the water has been twice removed, and the pond has been filled up with pure water from the mains of the water company. At the time when the water was at its lowest level the bed, for a long distance from the shore on every side, was thoroughly cleaned and scraped, and the refuse thus gathered up was deposited where it was subsequently covered under several feet of gravel.

In conclusion we would respectfully urge upon your honorable body the necessity of sufficient appropriations from year to year for the proper maintenance of the improvements that have been made. We feel, indeed, that our citizens have a right, in view of their voluntary gift, to demand its preservation by the proper authorities. A sum of money should be devoted every year to the continuous employment, during the growing season, of a competent man, or men, (who should also be clothed with police authority), to take care of the park, keep the grass cut, the paths cleaned, the borders trimmed, and the numerous other small details attended to, that will render the park attractive as a place of resort and a credit to our beautiful city.

The experience of the past having amply demonstrated that the water of Frog Pond cannot be kept pure while it is allowed to remain stagnant, we would urge that a service pipe connecting with the city water supply be laid to enter the upper end of the pond through a simple vertical jet, and that a sufficient sum be devoted to the purchase of an adequate supply of water therefor, the Green street reservoir main to be used for an overflow conduit if necessary.

A further appropriation should be made the present year for the completion of the play ground, the repair of such damages as have occurred through the winter, the construction of one short flight of steps, and of such gutters as may be found necessary, and the purchase of a suitable number of park settees. An additional electric light should be maintained at some point (preferably on the northern border of the Pond street lawn, opposite the Court House) near the center of the park.

A few feet of dwarf fencing should guard the ends and angles of the grass plats at points where the course of travel has a tendency to deface the same.

We would also call your attention to the question of the advisability of erecting railings at the side of the steps running down the embankment, and also along the edge of the Greenleaf street sidewalk.

A code of rules and regulations for the government of the park should be enacted immediately, and the police department should be instructed to see that the same are rigidly observed.

Very respectfully submitted,

For the Mall Improvement Association,

FRANCIS V. PIKE, President

FRED E. SMITH, Secretary.

REPORTS OF THE PUBLIC LIBRARY.

PUBLIC LIBRARY.

IN BOARD OF DIRECTORS, Dec. 9, 1889.

ORDERED, that the report of the directors be signed, and together with the accompanying reports, transmitted to the city council, agreeably to the requirements of section 5th of the ordinance concerning the Public Library.

JOHN D. PARSONS, Secretary

TRUSTEES OF THE LIBRARY—1890.

ELISHA P. DODGE, Mayor.

ALDERMEN.

JOHN J. PUTNAM,
HENRY C. PLUMMER,
GEORGE E. ROSS,

W. HERBERT NOYES,
CHARLES H. DEROCHEMONT,
ISRAEL A. MORSE.

DIRECTORS OF THE PUBLIC LIBRARY.

ELISHA P. DODGE, Mayor	Ex officio
ORRIN J. GURNEY, President of Common Council . . .	"
EDWARD S. MOSELEY, Trustee of Building fund . . .	"
SAMUEL J. SPALDING, Trustee of Building Fund . . .	"
DANIEL T. FISKE, Trustee of Building Fund	"
LAWRENCE B. CUSHING, Term of office expires	1890.
*FRANK W. HALE, "	1891.
NATHAN N. WITHINGTON, "	1892.
WILLIAM R. JOHNSON, "	1893.
AMOS NOYES, "	1894.
JAMES PARTON, "	1895.
ENOCH C. ADAMS "	1896.

TRUSTEES OF THE PEABODY FUND.

EDWARD S. MOSELEY,
EBEN F. STONE,

WILLIAM H. SWASEY.
DANIEL T. FISKE,

JOHN J. CURRIER.

LIBRARIAN	JOHN D. PARSONS.
ASSISTANT LIBRARIAN	EFFIE A. TENNEY.
EXTRA ASSISTANT	E. S. THURSTON.
SUPERINTENDENT OF READING ROOM . . .	MARTHA P. LUNT.
JANITOR	DANIEL P. DONNEL,

*Died February 14.

ORGANIZATION
OF THE
Board of Directors of the Public Library,
FOR 1890.

President,
ELISHA P. DODGE.

Secretary,
JOHN D. PARSONS.

Committee on Library,
SAMUEL J. SPALDING, JAMES PARTON, WM. R. JOHNSON.

Committee on Librarian,
AMOS NOYES, DANIEL T. FISKE, N. N. WITHINGTON.

Committee on Library Room,
EDW. S. MOSELEY, S. J. SPALDING, ORRIN J. GURNEY.

Committee on Reading Room,
EDW. S. MOSELEY, ENOCH C. ADAMS.

Committee on Finance and Accounts,
E. P. DODGE, W. R. JOHNSON, LAWRENCE B. CUSHING.

Committee on Bradbury Fund,
LAWRENCE B. CUSHING, N. N. WITHINGTON.

DIRECTORS' REPORT.

TO HIS HONOR THE MAYOR, AND CITY COUNCIL OF NEWBURY-
PORT :

GENTLEMEN—The directors of the Public Library submit to you their thirty-fourth annual report.

Early in the year, our esteemed librarian, Hiram A. Tenney, was suddenly removed from his office by death. The following resolutions, unanimously adopted by the board of directors, show the high regard in which he was held by those intimately associated with him in his work :

RESOLVED, that in the death of Hiram A. Tenney, for thirty-four years librarian of the Newburyport Public Library, the directors recognize the loss of a faithful public servant, an upright man, and a good citizen; and one whose long experience and intimate knowledge of the library had increased his usefulness with each successive year. We desire to put upon the records a testimonial of our esteem for his virtues, and our affection for him as a friend; and to his family we extend our cordial sympathy in their bereavement, by which they have lost a wise and affectionate father. Yet we feel that the fact that he was so long in the public service, annually re-elected to the office he held, is a more impressive memorial than any which we could formulate in words, or than could be expressed in phrases.

For the condition of the library we refer you to the report of Mr. Parsons, our present librarian. The suggestions which he

makes in regard to some changes in heating the library room call for immediate attention. And we refer again to the matter of additional protection against fires from without. If our library should be destroyed, it would be impossible to replace the large amount of historical matter which has been collected.

Respectfully submitted,

ALBERT C. TITCOMB,	} Directors of the Public Library.
MOSES BROWN,	
EDWARD S. MOSELEY,	
SAMUEL J. SPALDING,	
DANIEL T. FISKE,	
BENJAMIN HALE,	
LAWRENCE B. CUSHING,	
FRANK W. HALE,	
NATHAN N. WITHINGTON,	
WILLIAM R. JOHNSON,	
AMOS NOYES,	
JAMES PARTON.	

Newburyport, November 30, 1889.

LIBRARIAN'S REPORT.

TO THE COMMITTEE ON LIBRARY :

GENTLEMEN—I have the honor of submitting to you my first annual report as librarian of the Public Library of Newburyport.

INTRODUCTORY.

The previous annual report ended with November 26, 1888. Hardly had the new year opened when the honored librarian, of nearly thirty-five years' service, Mr. Hiram A. Tenney, was suddenly removed by death. At the regular meeting the last Monday in January the present librarian was chosen as his successor, and entered upon his duties February 1. Beginning work under the disadvantage of no previous practical experience in library management, shortly after my appointment, by vote of the board of directors, I visited some of the well known and successfully conducted public libraries of the State—those of Boston, Worcester, Lowell and Haverhill—at each of which I was cordially received by the librarians and other officers, and was accorded by them much valuable information and many practical suggestions. Since that time I have devoted considerable study to library economy as set forth in well known technical publications, notably the *Library Journal*—current and back volumes,—the valuable special report on the libraries of the country, compiled by the national board of education, and works on library classification and cataloging by Dewey, Cutter and others. At the same time I have endeavored to apply the information thus obtained to our own

library, and by close observation and study learn what defects, if any, detract from its otherwise general excellence.

NUMBER OF VOLUMES.

Before entering upon the above subject, however, I will give a summary of the present condition of the library as regards the number of books. The last annual report stated that the library contained 25,000 volumes. Since the close of the last library year 800 books have been added by purchase and 193 by donation, a total of 993. There have been withdrawn and condemned, by reason of their worn and tattered condition, 389 volumes, of which 34 were replaced from new purchases, leaving the total number of volumes at present in the library 25,604, a net increase of 604. (For a more detailed statement see appendix E.) Of the total number of volumes purchased 399, or almost exactly one-half, were added from the income of the Peabody fund, while their cost exceeded that of the balance by a large proportion. The character of these books, as in the past, is of the best grade of literature, and their value is generally of a permanent kind, an enduring monument to the memory of George Peabody.

DONATIONS.

The principal donation received during the year was a bequest of \$1000, from the late Abram Williams of Boston. A check for this sum and accrued income, amounting to \$1065.33, payable to the trustees of the library, was received early the present year. This was forwarded to the mayor and aldermen, trustees of the library, and the principal is now invested in the form of a city note, at 4 per cent. interest annually, the surplus having been expended in the purchase of new books.

Another large portrait in oil now adorns the walls of the Simpson annex, that of Col. Moses Titcomb, one of the pre-Revolutionary heroes of Newburyport, who participated in the French war at the siege and capture of Louisburg, and who subsequently gave his life to the colonies at the battle of Lake George. The portrait was the gift of Mr. Robert I. Frothingham, of Brooklyn, N. Y., and was received through Hon. Eben F. Stone.

The library is also indebted to the latter gentleman for a large number of valuable government publications, and the continuous issues of the "Official Records of the Rebellion" are received

from Washington, credited to him, the library being originally made a beneficiary at his request. Our present representative in congress, Hon. William Cogswell, has given the library every possible aid in securing government works. The chief signal officer of the army, Brig.-Gen. A. W. Greely, has caused to be sent all the publications of his department, and those of the commonwealth have been received from the office of the secretary. A set of "Cassell's Illustrated History of England" was given to the library by Mrs. Fred A. Nield, in fulfilment of a request by her late husband, and from various individuals donations of books, mementoes and relics, of greater or lesser value, have been received. (See appendix G.)

BACK NUMBERS OF MAGAZINES DESIRED.

Our periodical literature is very incomplete. Many of our sets of magazines, quarterlies and reviews begin with the establishment of the reading room, or later. Others are but partially filled, and hundreds of numbers are needed to complete sets. As the value of Poole's index to periodical literature becomes better known to the users of the library, and its no less valuable adjunct, the co-operative index, issued quarterly, the calls for works of this class for reference becomes greater. Ordinary books, as a rule, treat of subjects more in general than in detail, but it is hard to conceive of a subject, of however slight importance it seems at first sight, that has not been handled or discussed in the great collection of periodicals published during the present century. Early in the year the librarian made an appeal through the press for donations of bound or unbound numbers of any magazine. There have been some generous responses (see appendix G), but still there is a large gap to be filled. (See appendix H.)

The appeal is here renewed. Any magazine, bound or unbound, will be gratefully received and duly acknowledged, more especially any mentioned in appendix H.

I would suggest to the board that steps be taken whereby, as in every large library, sets of the more popular magazines may be provided for general circulation, aside from a regular set to be retained for reference. To this end it would be well that extra copies of Harpers', the Century, Scribner's and Lippincott's be purchased by the library from the Bradbury fund (which is unre-

stricted in its purposes), beginning with the coming year, to be retained for binding, and added to the sets kept for reference, while the copies from the reading room, always more or less injured, be bound for general distribution. If this is done, I think there will be no difficulty in procuring back numbers (of which a duplicate set of Harpers' is now practically complete) free of expense, and thus a large collection of valuable and popular literature will be added to the circulating department of the library, at a very small cost.

SYSTEM OF KEEPING ACCOUNTS.

Early in the year I was authorized by the directors to change the system of keeping borrowers' accounts. At that time we were, alone of all the libraries in New England so far as I have been able to learn, using the old-fashioned ledger system; that is, charging a book to an account on a ledger with a lead pencil when borrowed, and erasing the charge when the book was returned. It was left discretionary with me to select a system from the many in use, and the one finally adopted was the Boston Library bureau system, the principal feature of which is the sloping slip case. The method can better be explained orally than by a written report. Suffice it to say that it shows at a glance just what books from any alcove are in circulation, and who has each book. When a book becomes overdue, by a system of progression the slip on which it is charged arrives at a certain compartment. By the old system the ledger account of every borrower had to be examined. By preserving and arranging the slips, a record of the circulation in every department is obtained (see appendix F), even to the number of times each book has been taken out. The system has now been in operation three months, and the results are appended.

REGISTRATION.

A new registration was ordered by the board, and went into effect at the reopening of the library, in August. Authorities agree that a new registration should take place in public libraries at least as often as once in ten years, if not once in five. At this institution there had been but one registration since it was founded, and accordingly all accounts were cancelled and new ones opened. For the three months ending *November 25, 1281 persons signed

*At the date of printing this report, March 5, the number is 1760.

the rules and regulations, the great majority of whom at once became active borrowers. The registration continues at the rate of about thirty a week, a large number of those registering having recently become citizens.

THE LIBRARY AND THE PUBLIC SCHOOLS.

Within the past few years a closer adaptation of the services the public library can render the public schools has been put in practice by various New England institutions, with the most unqualified success. School text books at the best are but rudimentary, and, under the guidance of teachers, from the material in a public library the student can be led to obtain a broader view of the subject in hand, a more complete information. The plan, it can hardly now be called an experiment, is now in operation in this city. Each teacher in a public school is allowed to draw at one time five books on topics connected with the studies in his or her department. The teachers are freely availing themselves, in many cases, of the opportunity thus presented, and its effects are seen in the increased number of solid books called for by the students themselves, on their own or parents' cards. It is not only of a present advantage to the students, but it is forming in them a habit of reading the best in literature in distinction from that apparent in so many young people, of not being satisfied with anything but fiction, and that the newest and latest, regardless of author, title or subject.

PRESERVATION OF BOOKS.

I desire to call the attention of the board to a very important subject, the preservation of the books now in the library. As stated above, there have been withdrawn and discarded, during the past ten months, 389 volumes, and the number is short of what should be withdrawn. While this is a larger quantity than was ever disposed of in any previous year, each and every book had become so mutilated by the loss of pages as to render it worthless. The large majority, almost the entire lot, were works of fiction; but even those we could ill afford to lose, although it would be hardly worth while to attempt to replace them. I believe that nearly all of these books would have been on the shelves intact today, had proper steps for their preservation been taken in season. When the threads break and the leaves are loosened

from the binding, it is very easy for a leaf, or even an entire fold, to be lost, and the book thus rendered worthless. They cannot be properly repaired at the library, in many cases, and should be sent to the bindery at once. In examining the reports of other libraries I find that about eleven dollars is expended annually for each 1000 books owned, in binding and rebinding. Applying the average obtained to this library, it would call for an expenditure of about \$285 a year, at present. The records show that the average bill for binding and rebinding of books belonging to this library, for the past ten years, not including the present, has been but \$86.30. The expense of binding our magazines and periodicals alone now amounts to nearly this sum.

The defective system of heating in use at this library is another source of destruction of books. The heat of the library room is derived from steam pipes running through the alcoves, and directly under the shelves, instead of by central radiators, as it should be. The books are thus virtually in an oven, exposed to a direct heat, ranging from 85° to 100°. The result will be that in a few years we shall have books by the score falling to pieces, the indications of which are already too plain.

NEED OF A NEW CATALOGUE.

The usefulness of the library is seriously curtailed by the lack of a convenient catalogue. It is now twelve years since the last one was compiled, in which time the number of books in the library has increased by nearly one-half. To look through a main catalogue, and then twelve supplements not arranged by subjects, is a labor too tedious and unsatisfactory. The only catalogue which is always current is a card catalogue, in which, by simply adding a card, the addition of a book to the library is shown, while the withdrawal of a book for any cause is followed by the removal of its corresponding card from the catalogue. The great objection usually urged, that such a catalogue can only be consulted at the library, has not much force, when one considers the small number of printed catalogues disposed of, even at cost price. If a new catalogue were printed, I doubt if 100 copies could be sold. The great bulk of those printed in 1878 are still packed away in the library, mere waste paper. Because of the cost only, I would not include the works of fiction in a card catalogue of the

library at first, as, for a comparatively small sum, finding-lists, or abridged catalogues, could be printed at frequent intervals, and sold without loss at ten or fifteen cents each. As over one-half the books taken from the library are works of this class, the difficulty would thereby be in a large measure solved. I am now engaged in compiling a fiction catalogue, estimates on the expense of printing which I shall submit later.

MORE HELP NEEDED.

The library force, as at present constituted, is inadequate to the performance of the duties expected of it. With 26,000 volumes, and a constantly increasing list of borrowers; with its value as a resort for consultation, and the solving of all sorts of questions which daily arise, becoming better known; with the valuable service it is beginning to render as auxiliary to the education and training furnished by the public schools, it is fast taking rank among the large public libraries of other New England cities, both in the number of volumes and the service it renders the public. Other libraries of its class find it necessary to employ from five to ten persons in their library rooms; and every institution, with but very few exceptions, so far as I can learn, is struggling to get along with insufficient means. Some of our most valuable literature is practically buried, because it has never been classified and catalogued. Such are the pamphlets, a large majority of which are devoted to local historical subjects, and the publications of the general government. A book described as a "government publication" is generally regarded as a collection of reports of dry debates, or agricultural statistics. In fact, this class includes exhaustive treatises on the various branches of natural science, and original research, to say nothing of contributions to social science and American history. As far as proving of any advantage now, most of these books might as well be out of the library as in it. One other matter which would take a good portion of the time of one person, is that of keeping the books in order on the shelves. As they are constantly being taken from and returned to the shelves they become disarranged, thrown out of position, and exposed to unusual strain and wear. This is where the services of a boy could be well utilized. A well ordered and arranged library can be more easily, economically and successfully con-

ducted than one in which there is less system ; and the longer the matter is deferred, the harder it is to overcome. With one regular assistant and a boy who has a grammar school education, and an extra assistant afternoons and four evenings a week, the library work could be properly carried on for some time to come. The estimated added expense for such increase the ensuing year would be \$250.

IN CONCLUSION.

In conclusion, I would call the attention of the board to the tabulated information contained in the appendices, at the same time taking occasion to return my sincere thanks for the uniform courtesy with which all my suggestions looking to changes or modifications in the administration of the library have been received by the board of directors ; and for the constant support I have received in our mutual endeavors that this library may rank with the best in New England, and become every day more and more valuable, even indispensable, to the men, women and children of Newburyport and Newbury.

JOHN D. PARSONS, Librarian.

APPENDICES.

APPENDIX A. — RECEIPTS AND EXPENDITURES.

CREDITS.

City appropriation	\$1200 00	
Dog licenses.....	921 70	
Town of Newbury, proportion of expenses.....	150 00	
Fines and sale of catalogues.....	26 46	
		\$2298 16

EXPENDITURES.

Salaries.....	\$1768 76	
Binding books.....	123 65	
Printing.....	99 92	
Incidental library expenses.....	78 62	
Library furniture.....	55 00	
Library supplies.....	48 88	
Expressing.....	31 80	
Postage	7 56	
		\$2214 19
Balance unexpended		\$83 97

ALBERT C. TITCOMB, LAWRENCE B. CUSHING, BENJAMIN HALE.	} Committee on Accounts for the Directors.
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APPENDIX B.—PUBLIC LIBRARY BUILDING FUND.

To the Directors of the Public Library.

Some years ago, as will be remembered, Newburyport stood greatly in need of a suitable Public Library building. Thereupon a number of the friends of the city, both native born and naturalized, all of whose names are on the records of the city, came forward and furnished sufficient means to justify the purchase and preparation of the present building, with the spacious grounds upon which it stands, of which the city may well feel proud.

In excess of the amount thus voluntarily and cheerfully given, there remained the sum of five thousand dollars, which was deposited in the Institution for Savings, the income whereof to be applied in keeping the library building in repair, and this for more than twenty-four years has been done without calling upon the city therefor; in addition to which the original sum of five thousand dollars still remains on deposit, and in addition thereto accumulated interest of \$304.39.

There has been expended during the year upon the library building in needed improvements the sum of \$243.25. The account of the treasurer has been regularly audited.

In connection with this account it may not be amiss to revive the recollection of the interest in the city as shown by the voluntary gifts for its benefit from those who love it. Considerably over \$100,000, with the principal and interest, has passed through the hands of the present treasurer and been expended by him, in conformity with the wish of the donors, upon the library itself and the library building.

EDWARD S. MOSELEY, Treasurer.

EDWARD S. MOSELEY, }
SAMUEL J. SPALDING, } Trustees.
DANIEL T. FISKE. }

Newburyport, Dec. 9, 1889.

 APPENDIX C.—THE PEABODY FUND.

Mr. George Peabody, when he placed in the hands of the present treasurer more than twenty years ago the sum of \$15,000, the income of which he designed should be used in the purchase of books for the Public Library of the city, requested that an annual statement should be published of the condition of the fund.

In compliance therewith the treasurer gives public notice that the principal remains in the Institution of Savings, where it was originally deposited, and from which it can be withdrawn only upon the order of a majority of the trustees of the fund.

Since the last report, a year ago, the income has been \$600. Three hundred and ninety-nine volumes have been added to the library, and there remains on hand at this present time of writing \$312 to be used in the purchase of books. It is proper to add that the treasurer's account has always been audited.

EDWARD S. MOSELEY, Treasurer.

EDW. S. MOSELEY,	} Trustees of the Peabody Fund.
E. F. STONE,	
WM. H. SWASEY,	
DANIEL T. FISKE,	
J. J. CURRIER.	

Newburyport, Dec. 9, 1889.

 APPENDIX D.—TRUST FUNDS, THE INCOMES OF WHICH
ARE EXPENDED BY THE DIRECTORS.

In addition to the Peabody, Todd and building funds, which are held by special boards of trustees whose reports appear elsewhere, there are five other funds from the income of which new books are purchased by vote of the directors—the Sawyer, Bradbury, Frothingham, Green and Williams funds. The Sawyer fund amounts to \$5000, and is invested in the form of a city note, yielding an income (at 4 1-2 per cent.) of \$225 annually. The Bradbury fund is deposited at the Institution for Savings \$1000, and this year yields \$40. The three latter are invested in city notes, and are for \$2000, \$1000 and \$1000 respectively, paying 4 per cent. dividends annually. The income of the Green fund is restricted to purchasing books on American history, and especially local New England histories; the others are to be used “in the purchase of new and useful

books," except the Bradbury fund income which is less restricted. A statement of receipts and expenditures the current year follows :

SAWYER FUND.

<i>Receipts.</i>		<i>Expenditures.</i>	
1889.		Bills paid for new books....	\$198 58
March 2.	Int. on city note, \$112 50	Balance on hand.....	26 43
Aug. 9.	" " 112 50		
	<u>\$225 00</u>		<u>\$225 00</u>

BRADBURY FUND.

June 1.	Div'd Ins. for Sav., \$20 00	Bills paid for new books....	22 00
Nov.17.	" " 20 00	Balance on hand	18 00
	<u>\$40 00</u>		<u>\$40 00</u>

FROTHINGHAM FUND.

Feb. 9.	Int. on city note...\$40 00	Bills paid for new books....	39 25
		Balance on hand	75
	<u>\$40 00</u>		<u>\$40 00</u>

GREEN FUND.

Mar. 2.	Due fr'm Sawyer fund,\$3 13	Bills paid for books.....	58 19
Mar. 2.	Int. on city note..... 40 00		
Nov.7.	" " 40 00	Balance on hand	24 93
	<u>\$83 13</u>		<u>\$83 13</u>

WILLIAMS FUND.

Mar. 2.	Accrued int. rec'd...\$65 53	Bills paid for new books ...	63 26
		Balance on hand.....	2 07
	<u>\$65 63</u>		<u>\$65 63</u>

Above accounts examined and found correct.

ALBERT C. TITCOMB,	} Committee on
BENJAMIN HALE,	
LAWRENCE B. CUSHING,	
	Finance
	and Accounts.

Newburyport, Dec. 16, 1889.

APPENDIX E.—STATEMENT OF LIBRARY INCREASE, AND CLASSIFICATION OF NEW BOOKS.

Number of books in library per report of 1888.....	25,000
Added by purchase in 1889:	
From income of Peabody Fund.....	399
" Sawyer " 	164
" Todd " 	125
" Williams " 	50
" Frothingham Fund.....	37
" Bradbury " 	4
	800
Added by donations	193
	25,993
Books worn out and withdrawn.....	355
Replaced from new purchases.....	34
	389
Present number of books in library.....	25,604

The additions of the year may be classified as follows: General works, 13; philosophy, 9; theology, 19; social and political science (including most government publications), 176; philology, 1; natural science, 24; useful arts, 24; fine arts, 19; literature, (adult fiction 186, magazines reviews, periodicals 125, juvenile 56, miscellaneous 66), 433; history (geography and description 35, biography 117, general 123), 275. Total, 993.

Out of each 1,000 books drawn the proportion was as follows:

1. Adult fiction	566
2. Miscellaneous literature (poetry, essays, etc.).....	107
3. Travel and adventure	75
3. Juvenile literature.....	75
4. History in general	64
5. Biography and genealogy.	40
6. Natural science, useful and fine arts.....	34
7. Philosophy and sociology.....	20
8. Theology	13
9. Magazines, periodicals and reviews.....	6
	1000

By the above comparison it will be seen that adult fiction comprises 56.6 per cent. of the circulation of the library, and reckoning all juvenile works as fiction, although strictly speaking they are not, 7.5 per cent., the total fiction circulation amounts to 64.1. This is below the percentage reported by most public libraries whose reports are received here.

APPENDIX F.—STATEMENT OF CIRCULATION FOR THREE MONTHS ENDING NOVEMBER 25, 1889.

For the three months ending November 25 (the new system of accounts dating from August 26) 7,365 books were withdrawn from the library—368 the last week in August, 1,877 in September, 2,439 in October, 2,620 in November, (three weeks). The largest number drawn on any one day was 218, Saturday, November 16; the smallest 40, Friday, September 6. The daily average has been 94; but for the month of November it was 127, as against 91 in October and 78 in September. The classification of books drawn was as follows:

Philosophy and social science	163
Theology.....	97
Natural science, useful and fine arts.....	247
Literature:	
Adult fiction.....	4,166
Juvenile.....	553
Miscellaneous, (poetry, essays, etc.).....	785
Magazines and reviews.....	43
	— 5,547
History:	
Geography and description.....	549
Biography	293
Ancient and modern	469
	— 1,311
Total ..	— 7,365

APPENDIX G.—DONATIONS TO THE PUBLIC LIBRARY, 1889.

Name and location.	Books.	Pamph.	Magazines
Bartlet, Edmund, Newburyport.....			62
Boston school board, Boston.....	..	1	..
Boston Public Library, Boston		Plates and plans.	
Caldwell, Samuel L., D. D., Providence	..	1	..
Stephen A., Philadelphia	4	..	..
Central Vt. R. R. Co., Vermont.....	1	..	..
Couch, Robert, Newburyport.....	2	..	160
Currier, E. H., New York	..	1	..
John J., Newburyport	2	..	..
Ewing, Gen Thomas, Marietta, O.	..	1	..
Fall River Public Library, Fall River, Mass.	..	1	..
Frothingham, Robert I., Brooklyn, N. Y....	Portrait Col. Moses Titecomb		

Name and location.	Books.	Pamph.	Magazines
Garrison, W. L., children of, Boston.....	2	..	..
Georgetown school board, Georgetown, Mass	..	1	..
Gould, B. A., Cambridge	1	..	..
Hamilton, M. R.	1	..	..
Hurd, E. P., Newburyport.....	1	..	..
Kean, S. A. & Co.....	1	..	..
Lancaster, A. E.	1	..	..
Lamb, Mrs. Martha J., New York.....	1	..	..
Lewe, Adolph.....	1	..	..
Library trustees' and librarians' reports:			
Boston Public, Boston.....	..	1	..
Brooklyn, Brooklyn, N. Y.	..	1	..
Buffalo, Buffalo, N. Y.	..	1	..
Chicago Public, Chicago	..	2	..
Concord Free Public, Concord, Mass. ...	..	1	..
Dedham Public, Dedham, Mass.	..	1	..
Fall River Public, Fall River, Mass.....	..	1	..
Hopedale Public, Hopedale, Mass.	..	1	..
Lawrence Free Public, Lawrence, Mass.	..	1	..
Lowell City, Lowell, Mass.	..	1	..
Marlborough Public, Marlborough, Mass.	..	1	..
Massachusetts State, Boston, Mass.	..	1	..
New Haven Free Public, New Haven, Conn.	..	1	..
Newton Free, Newton, Mass.	..	1	..
New York Mercantile Asso., New York	..	1	..
Omaha Public, Omaha, Neb.	..	1	..
Peabody Institute, Peabody, Mass.....	..	1	..
Providence Public, Providence, R. I. ...	..	1	..
St. Louis Public, St. Louis, Mo.....	..	1	..
San Francisco Free Public, San Francisco	..	1	..
Springfield City Library Association, Springfield, Mass	..	1	..
Taunton Public, Taunton, Mass.....	..	1	..
Worcester Free Public, Worcester, Mass.	..	1	..
Lowell Old Residents' Association.....	..	1	..
Massachusetts New Church Union	1	..	..
Secretary Commonwealth	9	..	..
Moseley, Edward A.	3	..	..
Edward S.....	..	1	..
"	..	Map.	..
Rev. W. O.	2	..	..
Nield, Fred A. (the late), Newburyport.....	10	..	..
Nelson, John Eyre, Newbury, England	Photographs.		
Newburyport, city of	1	..	..
Parsons, John D., Newburyport	6	..	..
Peale, R. S. & Co., Chicago	..	1	..
Pope, Franklin Leonard	1	..	..
Salem Public Library, Salem, Mass.....	1	..	..
Sawyer, Samuel E., Boston.....	..	1	..
Silas Bronson Library, Waterbury, Conn. ...	1	..	..
Silloway, Thomas W., Boston	Views, Relics, etc.		
Smithsonian Institute, Washington	..	1	..
Stearns, George	1	..	..

Name and location.	Books.	Pamph.	Magazines
Stirling, William S., Boston	1	..	..
Stone, E. F., Newburyport	59	..	..
United States Coast Survey, Washington....	..	7	..
Department interior—com. of patents	5	..	..
State.....	47	12	..
Treasury	1	15	..
Comptroller currency.....	1	..	..
Director Mint	1	2	..
War—chief engineer	1	..	..
Chief signal officer	4	*50	..
Education, bureau of	..	7	..
Fish commission.....	8	..	..
Labor, commission of.....	1	..	..
Unknown donor	9	..	53
Westinghouse Electric Co., Pittsburg, Pa.	..	1	..
Winn, Henry, Boston.....	..	1	..
Women's Medical College, Philadelphia.....	..	1	..
Worcester Public Library, Worcester, Mass.	1	1	..
Totals	193	131	287

*Also Washington weather map, daily and weekly summaries.

APPENDIX H.—MAGAZINES, QUARTERLIES AND REVIEWS NEEDED TO COMPLETE SETS.

Harpers' Magazine (for a duplicate set)—June, 1851; June, July, August, 1852; January, March, April, May, June, July, October, November, December, 1853; January, February, March, May, June, July, August, September, October, 1854; February, 1856; vols. 16, 17, 18 and 19, from December, 1857, and including December, 1859; December, 1866; October and December, 1867; September and October, 1871; July, 1885; July, 1886.

Scribner's and the Century (for duplicate sets)—Almost any. NOTE—Copies of the above magazines are always useful to take the place of worn-out copies.

Quarterly Review—Vols. 3 and 4 (1809, '10), vol. 8 (1813), vol. 20, (index 1818), vols. 39, 40 (1828, '29). Any subsequent to July, 1833.

United States Magazine and Democratic Review—Vols. 1-4 inclusive. (1837 and 1838), 7, 8, 9, (January, 1840, to January, 1844), 14, 15, (1844), 26-29 (1850-'51), and any thereafter.

North American Review—Vol. 3 (1816), Vol. 7 (1818).

Edinburgh Review—Vol. 40 (1824), Vols. 101-132 (1854-1870), Vols. 159, 160, (1884).

London Quarterly—Vols. 1-54, (1809-1835), 66-117, (1840-1865), 119-128 (1865-1870).

Old and New—Vol. 1 (1870), and later than May, 1875.

Galaxy—first nine volumes (1861-1869).

Lippincott's—any number, but especially first five volumes, (January, 1868–July, 1870).

Nineteenth Century—Any previous to July, 1884.

Our Young Folks—any numbers.

Popular Science Review (English)—Any.

Every Saturday—Previous to 1872 (first series).

British Quarterly Review—First 52 volumes (previous to 1871).

Contemporary Review—first 34 volumes (previous to April, 1879).

Appleton's Journal—Vol. 1, 2, 3.

Fortnightly Review—Any previous to 1884.

Punch—Any previous to 1870, from 1873 to 1882.

English Illustrated Magazine—Previous to 1883.

Andover Review—First 3 volumes, (1884–5).

Christian Examiner—Vols. 16–25, (1834–1839).

Unitarian Review—First 14 volumes, (1874–1881).

American Journal of Horticulture—later than 1870.

Hours at Home—later than October, 1870.

Temple Bar—First 65 volumes, (previous to 1882).

Macmillan's Magazine—First 44 volumes, (prior to 1881), Vol. 52 (April to November, 1885).

New Englander—First 32 volumes, (previous to 1874).

Littell's Living Age—Vols. 67–99, (1861–'68).

Chamber's Journal—Previous to 1864, 1870–1884.

Good Words—Prior to 1860, 1869, 1872.

Nature—Vol. 5, October '71–May '72.

Bibliotheca Sacra—Vol. 42 (1885).

International Review—Vol. 1 (1874), later than 1882.

Westminster Review—Prior to 1871.

APPENDIX I.—THE TODD FUND.

RECEIPTS.

Balance from last year.....	\$270 78	
From William C. Todd.....	400 00	
		<u>\$670 78</u>

EXPENDITURES.

Periodicals and newspapers.....	\$380 95	
Post office box.....	3 00	
		<u>383 95</u>
Balance to new year	\$286 83	<u><u></u></u>

The reading room, we are happy to say, still continues under the efficient supervision of Miss Martha P. Lunt. By vote of the directors, Bradley's Atlas was transferred from the library room to the room below. This meets a long-felt want in our books of ready reference.

S. J. SPALDING, Treasurer.

PUBLICATIONS IN THE NEWBURYPORT FREE READING ROOM.

DAILIES.

Newburyport Morning Herald,	New York Herald (morning),
News (evening),	Journal of Commerce "
Boston Advertiser (morning),	Star "
Herald "	Sun "
Post "	Times "
Globe (evening),	Tribune "
Journal "	World "
Transcript "	Mail and Express (evening)
Traveller "	Post "
Portland, Me., Advertiser (evening)	Albany, N. Y. Argus (morning),
Providence, R.I., Journal (morning)	Philadelphia, Pa., North American
Chicago, Ill., Times "	(morning),
The Congressional Record, Washington.	

SEMI-WEEKLY, WEEKLY AND MONTHLY PUBLICATIONS.

Alta California, San Francisco,	Machinist, N. Y.,
Bradstreet's, New York,	Mirror and Farmer, Manchester,
Christian Register, Boston,	N. H.,
Chronicle, San Francisco,	Nation, N. Y.,
Commercial Bulletin, Boston,	Nature, London, England,
Constitution, Atlanta, Ga.	News, Charleston, S. C.,
Courier-Journal, Louisville, Ky.,	Observer, N. Y.,
Dispatch, Richmond, Va.,	Picayune, New Orleans, La.,
Enquirer, Cincinnati, Ohio,	Pioneer-Press, St. Paul, Minn.
Financial and Commercial Chronicle, N. Y.	Punch, London, England,
Forest and Stream, N. Y.	Register, Mobile, Ala.,
Frank Leslie's Illustrated Paper, N. Y.	Republican, Springfield, Mass.,
Gazette, Montreal, Canada,	Rocky Mountain Weekly, Denver,
Gazette, Salem, Mass.,	Col.,
Graphic, London, England,	Scientific American, New York,
Harpers' Bazar, N. Y.,	Builders' Edition, "
Weekly, N. Y.,	Supplement, "
Young People, N. Y.,	Signs of the Times, "
Herald, Rutland, Vt.,	Star, Washington, D. C.,
Independent, N. Y.,	Times, Philadelphia, Pa.,
Journal of Education, Boston,	Times, London, England,
Journal, Kansas City, Mo.,	Tribune, Chicago, Ill.
	Weekly News, Galveston, Texas.

Official Gazette, United States Patent Office.

MAGAZINES AND QUARTERLIES.

DOMESTIC.

Agriculturist, N. Y. Andover Review, Boston, Atlantic Monthly, " Ballou's Magazine, " Bibliotheca Sacra, Oberlin, O., Century, N. Y., Current Literature, N. Y., Frank Leslie's Popular Monthly, N. Y., Forum, N. Y., Godey's Ladies' Book, Philadelphia, Harpers' Magazine, N. Y., Household Magazine, Brattleboro, Vt.,	Home Missionary, Boston, Journal of Chemistry, Boston, Ladies' Home Journal, Philadelphia Liberal Free Mason, Lippincott's Magazine, Phila. Littell's Living Age, Boston, Naturalist, Philadelphia, New Englander, New Haven, Conn. North American, N. Y., Peterson's Magazine, Philadelphia, Political Science Quarterly, N.Y. Popular Science Monthly, N. Y., St. Nicholas, N. Y., Unitarian Review, Boston,
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FOREIGN.

Art Journal, London. Blackwood's, Edinburgh, Cassell's Magazine, London, Contemporary Review, London, Edinburgh Review, Edinburgh, English Illustrated Magazine, Lon- don,	Fortnightly Review, London, Good Words, London, London Quarterly Review, London Macmillan's Magazine, London, Nineteenth Century, London, Temple Bar, London, Westminster Review, London.
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BOOKS OF REFERENCE.

Chambers' Encyclopædia, 15 vols. Brande's Encyclopædia, 2 vols. Lippincott's Biograph. Dictionary. Lippincott's Gazetteer. Anthon Classical Dictionary. American Newspaper Annual, Worcester's Dictionary. Boston Directory. Massachusetts Business Directory. Newburyport Directory. Revised Statutes of Massachusetts. Poor's Manual of Railroads. History of Woman Suffrage. Shipping Record. Catalogue of Public Library. Bradley's Atlas of the World.	Map of the United States. Map of Rockingham Co., N. Y. Map of Essex County, Mass. Johnson's Atlas of the World. New Eng. Business Directory. The Pathfinder and Railway Guide. Congressional Directory. Quain's Directory of Medicine. United States Dispensatory. Clinical Therapeutics. Diseases of the Stomach. Diseases of the Liver. Diseases of the Heart. Diseases of the Kidney. Diseases of the Nervous system. On the Morphine Habit.
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Donations to the Reading Room—1889.

The Newburyport Daily News.....	News Publishing Co.
Newburyport Herald	Herald Publishing Co.
Unitarian Review	Am. Unitarian Ass'n.
Christian Register	do.
Congressional Record.....	Hon. Wm. Cogswell.
Home Missionary.....	E. S. Moseley.
Liberal Free Mason	Joseph B. Lincoln.
New York Observer	Hon. John N. Pike.
Congressional Directory	E. S. Moseley.
Good Health.....	Publishers.
Signal Service Weather Maps.....	Gen. A. W. Greeley.
Official Gazette	Patent Office.
Signs of the Times.....	Publishers.
The Manifesto.....	Publishers.



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ANNUAL REPORT
OF THE
SCHOOL COMMITTEE
OF THE
CITY OF NEWBURYPORT,
FOR THE
YEAR 1889.



NEWBURYPORT:
NEWS PUBLISHING COMPANY, PRINTERS,
1890.

SCHOOL COMMITTEE, 1889.

CHAIRMAN,
ALBERT C. TITCOMB, MAYOR.

VICE-CHAIRMAN,
N. N. WITHINGTON.

WARD ONE { CHARLES H. BLISS,
STEPHEN PEABODY

WARD TWO { GEORGE H. PLUMER,
PRENTISS H. REED.

WARD THREE { ELISHA P. DODGE,
RUDOLPH JACOBY.

WARD FOUR { JOSEPH B. LITTLE,
MISS H. E. LUNT.

WARD FIVE { NATHAN N. WITHINGTON,
WILLIAM A. EASTMAN.

WARD SIX { JAMES M. JACKMAN,
PAUL A. MERRILL

SECRETARY AND AGENT,
WILLIAM P. LUNT.

ANNUAL REPORT.

THE HIGH AND PUTNAM SCHOOLS.

HIGH SCHOOL.—E. C. Adams, A. M., principal; O. B. Merrill, A. M., Miss Sarah A. Leonard, Miss Mary T. Spaulding, Miss Emma H. Parker, assistants.

PUTNAM SCHOOL.—Miss Margaret Clarkson, preceptress; Miss Sarah W. Pike, assistant.

The work done by the united High and Putnam Schools still continues to show the marked improvement reported last year. The success of the schools depends in a great measure upon the almost perfect harmony between teachers and pupils. The discipline has been mild, but firm, all unnecessary restrictions being avoided. No serious case of misconduct has occurred during the past four years.

The Putnam trustees have improved the sanitary condition of the building and made other general improvements, thus continuing their generous policy towards the school.

The Toppan political science prize (for excellence in civil government) was awarded to Grosvenor T.

Blood. The committee who made the award were Rev. S. C. Beane, Mr. J. E. Moody and Mr. J. D. Parsons. The papers of the competitors, as a whole, were commended by the committee.

The boys who applied for admission to the Massachusetts Institute of Technology were all successful and thus bore testimony to the thoroughness of the work done in our school. The success of applicants for admission to the higher institutions of learning is one of the best tests of the character of the work done in a high school. There is, however, danger that in the desire for success in examination, the work may aim at the mere acquisition of facts to the neglect of those methods of study and consecutive thought which constitute true education. This danger has been recognized and great care has been taken by the teachers to avoid it. For the most part the pupils work like men and women, and accomplish all that could be expected.

The library has been increased during the year. The pupils use it more and more, thus not only acquiring information but what is more important, learning to know and use good books. It is hoped that further additions to the library may be made during the coming year.

Nearly four years ago the trustees of the Public Library at his request granted the principal of the High School the privilege of taking from the library twenty books at a time to be used in connection with school work; advantage has been taken of this privilege, which is highly prized. Lately the trustees

have granted a similar privilege to all teachers in public schools. The action of the trustees was a step in the right direction as the public library and the public schools are the two chief factors in public education and should be brought into close connection with each other.

Miss Clarkson, for thirty years a teacher in the Putnam School and therefore connected with the High School since its union with the Putnam School, resigned at the close of the school year. She was a most conscientious and efficient teacher, always doing work of the most thorough kind. As a teacher of mathematics she was hardly to be excelled. Rarely has a city the good fortune to be served by a teacher so long and so well.

STATISTICS OF HIGH AND PUTNAM SCHOOLS.

1888—1889.

Whole membership of boys.....	43
Whole membership of girls.....	80
Whole membership.....	123
Average membership.....	112
Average attendance of boys.....	40
Average attendance of girls.....	67
Average attendance of school.....	107
Per cent. of attendance.....	95.5
Number of boys in Putnam school.....	26
Number of girls in Putnam school.....	40
Whole number of pupils in Putnam school.....	66
Whole number of pupils in High and Putnam schools....	189
Average age of boys in I. class.....	17 years, 2 months
Average age of boys in II. class.....	15 years, 9 months
Average age of boys in III. class.....	15 years, 11 months
Average age of boys in IV. class	14 years, 6 months
Average age of girls in I. class.....	17 years, 4 months
Average age of girls in II. class	15 years, 11 months
Average age of girls in III class	14 years, 10 months
Average age of girls in IV. class.....	14 years, 4 months
Number of boys over 15 years of age.....	27
Number of girls over 15 years of age.....	53

GRADUATING EXERCISES OF THE CLASS OF 1889,

AT CITY HALL, TUESDAY, JUNE 25.

PIANO DUET.—“Italy,” - - ALICE C. MOULTON.
ALICE J. BARTLETT.

PRAYER.

CHANT, - - - - - SCHOOL.

LATIN SALUTATORY, - - - - MAUDE STILES.

ELEMENTS OF SUCCESS, - - - - E. W. EATON.

MUSIC IN NATURE, - - - - ELIZABETH M. DODGE.

SINGING.—“Give Thy Heart’s Best Treasure,” FEMALE CHORUS.

HEROES, - - - - - JUDITH A. PLUMMER.

ADVERTISEMENTS, - - - - H. R. SARGENT.

BLUNDERS, - - - - - FANNIE R. KNIGHT.

PIANO SOLO.—“Caprice Fantastique.” HATTIE O. PEARSON.

CONSERVATISM, - - - - - W. H. FRENCH.

FOUR CAMPAIGNS, . - - - LILLIAN W. GREENLAAF.

SINGING $\left\{ \begin{array}{l} a \text{ “Evening,”} \\ b \text{ “Sailor Lad,”} \end{array} \right\}$ - MALE QUARTETTE.

THE CRITICAL PERIOD OF AMERICAN HISTORY, G. T. BLOOD.

FOUR SCHOOLMASTERS, - - - - ANNIE M. PIKE.

SONGS. $\left\{ \begin{array}{l} a \text{ “Praise of Tears,”} \\ b \text{ “To be Sung on the Waters.”} \end{array} \right\}$

ELIZABETH M. DODGE.

PUBLIC PARKS, - - - - - C. M. SPOFFORD.

PROPHECY, - - - - - PERSIS H. KIMBALL.

SINGING.—“Song of the Vikings.” - - - CHORUS.

LAUGHTER, - - - - - ANNIE B. BROWN.

PHYSICAL TRAINING, - - - - - A. H. SAWYER.

SINGING.—“Harp of the Wind,” - - - FEMALE CHORUS.

THE PURITANS—WITH VALEDICTORY, FLORENCE A. TRUE.

AWARD OF TOPPAN PRIZE.

PRESENTATION OF DIPLOMAS.

BENEDICTION.

GRADUATING CLASS.

HIGH SCHOOL.

Alice J. Bartlett,
Mary E. W. Bartlett,
Annie Bartlett Brown,
Fannie W. Boardman,
Elizabeth M. Dodge,
Lillian W. Greenleaf,
Persis Harris Kimball,
Fannie R. Knight,
Judith Anne Plummer,
Mary N. Pettingell,
Ethel Maude Stiles.
Grosvenor T. Blood,
Winthrop Osgood Coffin,
Howard R. Sargent,
Albert Haydn Sawyer.

PUTNAM SCHOOL.

Eliza Ilsey Adams,
Alice Coffin Moulton,
Hattie Olive Pearson,
Annie Mary Pike,
Florence Adams True,
Francis Cogswell,
Edward Winthrop Eaton,
William Henry French,
Irving Ashley French,
Charles Milton Spofford,

C. H. BLISS, RUDOLPH JACOBY, PRENTISS H. REED, PAUL A. MERRILL, JOSEPH B. LITTLE, WM. A. EASTMAN.	}	High School Committee.
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FRANCIS A. HOWE,

On the part of Trustees of Putnam School.

KELLEY SCHOOL

PRINCIPAL—A. F. Gilbert.

ASSISTANTS—Abby Short, Alice M. Akerly, Eva J. Smith, M. E. Cogswell, Mary J. Kingman, Susan I. Adams, Sarah F. Badger.

At the close of the school year Mr. A. F. Gilbert, who had accepted a more lucrative position, resigned and Mr. L. G. Smith, of Newton Centre, was appointed principal; Miss Alice M. Akerly, teacher of room F, also resigned and Miss Eva J. Smith was promoted to the vacant position, Miss Anna L. Whitmore was elected to the place vacated by Miss Smith. These changes were all in the grammar department. It having been determined by the school board to establish a training school for teachers, in the primary department of the Kelley, still greater changes took place in the lower rooms, which it is hoped will be beneficial to the pupils in the school, as well as to the young ladies who are learning the business of teaching. Farther information in regard to this matter is given under the head of Training School.

KELLEY SCHOOL STATISTICS.

Number of different scholars during the year.....	429
Average membership.....	347
Average attendance.....	305
Per cent. of attendance.....	.88

Average age.....	10 years, 8 months
Number under five years of age.....	0
Number over fifteen.....	11
Number admitted to High school on examination.....	15
Number admitted by Grammar school rank.....	1

NAMES OF THOSE ADMITTED TO HIGH SCHOOL.

Ella Duchemin, Annie S. Dodge, Elizabeth E. Towle, Hattie M. Bingham, Mabel C. Johnson, Alexander Caldwell, Arthur B. Reed, Robert D. Hamilton, Edward W. Roaf, Joseph L. Jacoby, Nathan C. Burrill, Allen L. Smith, Charles W. Kezer, Charles A. Pearson, Albert T. Drew, George W. Blood.

Average rank, 84 2-3.

GRAMMAR SCHOOLS.

Here as in former years a large proportion complete their education. Nowhere is more faithful, more important work done than in these schools. The teachers have all their energies concentrated on their classes; their hopes, their fears, are all with their schools, nowhere is their listlessness or indifference, yet their pupils cannot always stand at equally high ranks. Sometimes a teacher will have a class which no amount of extra effort will bring up to the usual standard, and yet more labor and pains may have been given than with some previous class, which had stood unusually high. Constant effort is made not only to enable those pupils who intend going to

the High School to receive proper preparation, but also to have all the scholars well drilled in such work as they will need in practical life. Every child should leave school with the ability to read fluently and well, to write a legible and rapid hand, and to perform accurately and quickly all the simple operations of arithmetic.

JACKMAN (BOYS) GRAMMAR SCHOOL.

GEORGE W. BROWN, Principal.

RHODA TILTON, Assistant.

Number of different scholars during the year.....	99
Average membership.....	86
Average attendance.....	79.3
Per cent. of attendance.....	92
Average age.....	12 years
Number over fifteen years of age.....	5
Number admitted to High school on examination.....	7
Number admitted to High school by rank in Grammar school	1

NAMES OF THOSE ADMITTED TO HIGH SCHOOL.

John S. Noyes. W. J. Cook, Edward Popp, Willie Binley, Henry P. Rolfe, H. M. Kilborn, E. G. Perkins, J. M. Nutter.

Average rank, 83.

JOHNSON (GIRLS) GRAMMAR SCHOOL.

ANNA L. COFFIN, Principal.

EMMA M. LANDER, Assistant.

Number of different scholars during the year.....	76
Average membership.....	68

Average attendance.....	58
Per cent. of attendance.....	85
Average age.....	12 years, 8 months
Number over fifteen years of age.....	6
Number admitted to High school by examination.....	4
Number admitted to High school by rank in Grammar school. 1	

NAMES OF THOSE ADMITTED TO HIGH SCHOOL,

Nellie M. Robinson, Alice Howard, Bertha Griffin, Ella M. Bollman.
Mary E. Thurlow.

Average rank, 75.4.

BROMFIELD STREET (GIRLS) GRAMMAR SCHOOL.

PRISCILLA G. CRAIG, Principal.

SUSIE B. LOWELL, Assistant.

Number of different scholars during the year.....	74
Average membership	61
Average attendance.....	55
Per cent. of attendance	90
Average age.....	13 years, 4 months
Number over fifteen years of age.....	7
Number admitted to High school on examination.....	4
Number admitted to High school by rank in Grammar school. 1	

NAMES OF THOSE ADMITTED TO HIGH SCHOOL.

Edith V. Collins, Lelia E. Kimball, Mabel E. Thurlow, Mamie T.
Colby, Mabel F. Norton.

Average rank, 79.

FORRESTER STREET (BOYS) GRAMMAR SCHOOL.

SARAH B. CHUTE, Principal.

ELLEN FROTHINGHAM, Assistant.

Number of different scholars during the year	74
Average membership	68
Average attendance	66
Per cent. of attendance	97
Average age	12 years, 3 months
Number of scholars over fifteen years of age	3
Number admitted to High school by examination	6
Number admitted to High school by rank in Grammar school ..	2

NAMES OF THOSE ADMITTED TO HIGH SCHOOL.

Frank M. Babson, Fred L. Edmands, Freeman B. Currier, Willard E. Porter, C. Percy Bridges, C. Arthur Garland, Willard A. Hatch, George H. Pressey.

Average rank, 80.

FORRESTER STREET (GIRLS) GRAMMAR SCHOOL.

SERENA D. TOPPAN, Principal.

AGNES A. SOMERBY, Assistant.

Number of different scholars during the year	67
Average membership	64
Average attendance	56
Per cent. of attendance	85
Average age	12 years, 8 months
Number over fifteen years of age	1
Number admitted to High school by examination	9
Number admitted to High school by rank in Grammar school ..	2

NAMES OF THOSE ADMITTED TO HIGH SCHOOL.

Lizzie S. Shaw, Florence M. Weatherby, Bessie E. Jackman, Edith M. Merrill, Jennie Adams, Eva S. Jackman, Carrie Hardy, Helen Johnson, Alice M. Hopkinson, Hattie M. Jackman, Minnie E. Kimball.

Average rank, 80.

WESLEY STREET (MIXED) GRAMMAR AND PRIMARY,

EDNA F. GREATON, Principal.

Number of different scholars during the year.....	45
Average membership.....	30
Average attendance.....	18
Per cent. of attendance.....	55
Average age.....	9 years
Number under five years of age.....	0
Number over fifteen years of age.....	0

MOULTONVILLE (MIXED) GRAMMAR AND PRIMARY,

ALICE T. WHITTIER, Principal.

BRETHA M. STILES, Assistant.

Number of different scholars during the year.....	79
Average membership.....	62
Average attendance.....	48
Per cent. of attendance.....	77.4
Average age.....	9 years, 1 month
Number under five years of age.....	1
Number over fifteen years of age.....	1
Number admitted to High school by examination.....	0
Number admitted to High school by rank in Grammar school.	2

NAMES OF THOSE ADMITTED TO HIGH SCHOOL.

Ella M. Kingbury. Ernest W. Piper.

Average rank, 68.

TEMPLE STREET GRAMMAR SCHOOL,

ABBIE N. FRINK, Principal.

Number of different scholars during the year.....	34
Average membership.....	30
Average attendance.....	28
Per cent. of attendance.....	93
Average age.....	12 years, 2 months
Number over fifteen years of age.....	2

QUESTIONS FOR THE EXAMINATIONS OF CANDIDATES
FOR THE HIGH SCHOOL, JUNE, 1889.

ARITHMETIC.

1. The sum of $\frac{3}{5}$ of $\frac{5}{6}$ and $\frac{4}{7} \times \frac{7}{12}$ is how many times their difference? 0.5 $\frac{4}{9} \times 2.25$

2. A owns $\frac{5}{13}$ of a field, and B owns the remainder; $\frac{3}{4}$ of the difference between their shares is 18 acres. What is B's share in acres?

3. How much will it cost to carpet a room 27 feet long and 18 feet wide, with carpeting $\frac{3}{4}$ of a yard wide at \$1.60 per yd.

4. A piece of land is 300 feet long and 2 rods wide. What is its value at \$2.00 per square yard?

5. A man bought a horse for \$150 and sold him for \$200. What per cent. did he gain?

A man sells flour at \$5.50 a barrel and gains 10 per cent. What per cent. would he gain if he sold the flour at \$6.05 a bbl.

6. What principle at 4 per cent. will gain \$27.00 in three months.

7. \$2110.60.

NEWBURYPORT, MASS., June 12, 1888.

Three months after date I promise to pay G. M. Gerry two thousand one hundred and ten and $\frac{60}{100}$ dollars, for value received.

S. A. KING.

Mr. Gerry discounts the note at the bank. Required proceed.

8. Find the prime factors of 32 and 48. Find G. C. D. of 27, 81 and 108 and find the L. C. M. of the same numbers.

9. A and B go into partnership for a year. A puts in \$500 and B \$600. After 4 months they take in C with a capital of \$1000. At the close of the year they have gained \$2000. What is each man's share?

10. If 5 men can do a piece of work in 10 days of 8 hours each, how many men will be required to do the same work in 5 days of 10 hours each?

GEOGRAPHY.

1. Locate the following cities:— Trieste, Geneva, Antwerp, Marseilles, Melbourne, Glasgow, Bombay, Cadiz, Liverpool and Quebec.
2. Describe the following rivers:— Yukon, Danube, Niger, Potomac and Gila.
3. Through what waters would you sail in going from New Orleans to Odessa?
4. Locate Cuba, Ceylon, Madagascar, Sicily and the Samoan Islands. Describe North Sea, Caspian Sea, Dead Sea, Bay of Bengal and the Suez Canal.
5. Describe the principal features (physical) that determine the location and general direction of the three chief river systems of South America.
6. Name states bordering upon the Mississippi river.
7. Name and locate two cities (not including capitals) in each of the following states:— Pa., N. Y., Md., Minn. and Ohio.
8. Describe Lake Superior and trace the course of its waters to the ocean?
9. Name a state which is noted for the production of iron; of coal; of copper; of wheat; of fruit. (In each case name only one state.)
10. Describe the mountain systems of the United States.

ENGLISH.

1. (Dictation, to be correct in spelling, capitals and punctuation.)
2. Correct the following sentences:—
 - (a) Not a line of the lectures were written beforehand.
 - (b) I saw the man whom we thought was dead.
 - (c) Do you remember the foxes remark about the grapes?
 - (d) When does your father and mother come home?
 - (e) He don't impress me favorably.

3. Analyze the following :—
 “By his bed a monk was seated,
 Who, in humble voice repeated
 Many a prayer and paternoster,
 From the missal on his knee.”
 Parse BY, HIS, WHO, WAS SEATED and MANY.
4. Write sentences in which the following words shall appear correctly used :—
 LIE, LAY, SIT, SET, OUGHT, DID, DONE, WILL, SHALL and EITHER.
5. Write a short composition on “Washington,” or on “vacation.”

AMERICAN HISTORY.

1. What were the terms of the treaty at the close of the French and Indian war? Date of this treaty.
2. Write upon historical events connected with the following names :—Roger Williams, Marquette, De Soto, John Smith, La Salle. (Give approximate dates.)
3. Give an account, with date, of the settlement of Georgia; of Maryland.
4. How did the colonists of Massachusetts differ socially from those of Virginia?
5. What was New Amsterdam? When and why was this name changed?
6. Locate the following places and state with what events each is associated :—Fort Duquesne, Louisburg, Plymouth, St. Augustine.

NEWBURYPORT NORMAL TRAINING SCHOOL.

The committee feeling the importance of employing trained teachers and being unable to compete with larger cities for high-priced teachers, established the Normal Training School in September, 1889. The school is pleasantly located in the Kelley school building on High street, at the head of Market street and is now in successful operation.

The school has two departments, a normal department and a practice department. In the normal department the pupil teachers are instructed in the principles of teaching, as found in the laws that control the mind in its developments and in the acquisition of knowledge, also in the methods of teaching founded on those principles. The lowest four grades of the Kelley school serve as a practice department where the pupil-teachers engage in the actual work of teaching under the direction of the principal and her assistant.

It is the intention of the sub-committee to furnish in this school a training for PRACTICAL work in teaching, equivalent to the training furnished by the best normal schools.

RULES AND REGULATIONS OF THE NEWBURYPORT NORMAL TRAINING SCHOOL.

Candidates for this school must be at least seventeen years of age, must have completed the course in the Newburyport High

school, or an equivalent course and must pass a satisfactory examination.

The course of instruction in the school shall continue for three terms of twenty weeks each, and all pupil-teachers entering the school do so with the understanding that they will remain for this length of time, unless excused by the sub-committee. The arrangement of the course of study provides for the pupil-teachers one year's course in the normal department and a year and a half of actual teaching.

There are three classes of pupil teachers: a senior or third term class, each member of which has charge of a room an entire term; a middle or second term class, and a junior, or first term class. The members of the junior and middle classes divide their time between study and recitation in the normal department and assisting the seniors in teaching.

At stated intervals the principal shall report to the sub-committee on the training school her judgment of each pupil-teacher as to her fitness for the work and probable success as a teacher. Pupil-teachers whose work is not satisfactory or who do not promise success for the future may be excused at any time during the course. To those who satisfactorily complete the course the committee will give a certificate stating the fact.

During the first term the pupil-teachers do not receive any compensation; during the second term they receive two dollars per week; during the third term, three dollars.

When a vacancy occurs in the corps of city teachers it will be filled by a graduate of the training school if one suitable for the position be available.

COURSE OF STUDY.

JUNIOR CLASS.

Reading, numbers and arithmetic, geography.

MIDDLE CLASS.

Psychology, theory and art of teaching, school organization and school management, school government.

JUNIOR AND MIDDLE CLASSES UNITED.

First Term.

Vocal music, penmanship, school laws of Massachusetts, object lessons.

Second Term.

Drawing, history of education, language, grammar, elementary science, calisthenics.

PRIMARY SCHOOLS.

For the past two years the primary schools have received an extra amount of care and attention. More and more the interests of education are felt to depend upon the breadth and soundness of the foundation. We believe the quality of this work averages better than ever before. This is especially true of what is accomplished in language and the science of numbers. In penmanship also, there is shown considerable improvement.

Reading, although faithfully taught by the teachers generally, does not as a whole show results that are quite as satisfactory in any grade. The scholars do not have that command of the vocal organs, that would, after they had mastered the thought, enable them to express it with clearness and force.

Daily vocal exercises will probably be of benefit. Like every other art, good reading "must be preceded by a certain mechanical expertness."

The calisthenic exercises, which are now a part of the daily routine, not only produce a good effect upon the health of the pupils, but also have an indirect influence on school discipline. The children unconsciously carry into their general deportment much of the habit of prompt obedience acquired in gymnastic drill.

JACKMAN (BOYS) PRIMARY SCHOOL.

HELEN M. CURRIER, PRINCIPAL.

REBECCA W. PERKINS, ASSISTANT.

Number of different scholars during the year.....	114
Average membership.....	83
Average attendance.....	76.4
Per cent. of attendance.....	92
Average age.....	8 years, 4 months
Number under five years of age.....	1
Number admitted to the Grammar school.....	16

JOHNSON (GIRLS) PRIMARY SCHOOL.

FRANCES J. PERRSON, PRINCIPAL.

JENNIE P. HASKELL, ASSISTANT.

Number of different scholars during the year.....	82
Average membership.....	64.2
Average attendance.....	53
Per cent. of attendance.....	82.5
Average age.....	8 years, 1 month
Number under five years of age.....	1
Number admitted to the Grammar school.....	13

BROMFIELD STREET (MIXED) PRIMARY SCHOOL.

CORA B. LOUGEE, PRINCIPAL.

ABBIE L. FROST, ASSISTANT.

Number of different scholars during the year.....	85
Average membership.....	69

Average attendance.....	61
Per cent. of attendance.....	88
Average age.....	8 years
Number under five years of age.....	2
Number admitted to the Grammar school.....	13

TEMPLE STREET (GIRLS) PRIMARY SCHOOL.

MARY E. ESTES, PRINCIPAL.

Number of different pupils during the year.....	47
Average membership.....	35
Average attendance.....	29
Per cent. of attendance.....	83
Average age.....	7 years, 9 months
Number under five years of age.....	1
Number admitted to Grammar school.....	3

DAVENPORT (BOYS) PRIMARY SCHOOL.

SARAH E. WHITMORE, PRINCIPAL.

ANNIE L. WHITMORE, ASSISTANT.

Number of different scholars during the year.....	107
Average membership.....	85
Average attendance.....	69
Per cent. of attendance.....	81
Average age.....	8 years
Number under five years of age.....	1
Number admitted to the Grammar school.....	18

DAVENPORT (GIRLS) PRIMARY SCHOOL.

CLARA J. EDGERLY, PRINCIPAL.

ELIZABETH H. CHEEVER, ASSISTANT.

Number of different scholars during the year.....	83
Average membership.....	71
Average attendance.....	59
Per cent. of attendance.....	83
Average age.....	8 years, 1 month
Number under five years of age.....	1
Number admitted to the Grammar school.....	16

ASHLAND STREET (MIXED) PRIMARY SCHOOL.

FRANCES L. PETTIGREW, PRINCIPAL.

FLORA PETTIGREW, ASSISTANT.

Number of different pupils during the year.....	120
Average membership.....	98
Average attendance.....	83
Per cent. of attendance.....	85
Average age.....	8 years, 5 months
Number under five years of age.....	0
Number admitted to the Grammar school.....	18

EVENING SCHOOLS.

These schools were successfully conducted through the winter. The boys' school was in charge of Mr. A. F. Gilbert, that for girls was in charge of Miss Lizzie C. Ireland. Steady industry and good deport-

ment prevailed through every session. Most of the pupils were employees in the various manufacturing establishments, and were obliged to attend evening schools, under the law relating to illiterate minors. A few, however, did not belong to this class but had previously made considerable progress in the day schools and now that they had entered the busy walks of life, felt the need of more education and the ambition to work for it. Much credit is due to both teachers and pupils for the excellent tone of the schools and the faithful work done through the term.

CHANGES AND RESIGNATIONS.

It should be understood that the school year in this city begins about the first of September and ends the Saturday preceding July 4th. In September 1888, the Kent Street School was transferred to one of the lower rooms of the Congress Street School building, which had been divided by partitions so as to give four rooms in place of two. This was found to be a good arrangement, and a saving of expense in fuel and janitor.

At Moultonville, the school which had hitherto been ungraded was provided with an assistant teacher and the grammar department placed in a separate room.

In the Ashland Street School, Miss Enola E. Gowen substituted during the entire school year, in place of Miss Flora Pettigrew, whose ill health kept her from her duties.

Miss Edna E. Greateon, who had taught long and faithfully in the school at the Plains, resigned her position and Mr. Irving H. Johnson was placed in charge.

Miss Agnes A. Somerby, assistant at the Forrester Street girls' Grammar school, at the close of the year

resigned her position, which she had filled with so much satisfaction, and Miss Ellen Frothingham was transferred from the boys' school in the same building to the place thus vacated. Miss Sarah E. Whitmore was transferred from the Congress Street Primary to the position of assistant in the Forrester Street boys' Grammar School.

Miss Susan L. Adams, formerly assistant in the primary department of the Kelley, was appointed principal of the Congress Street boys' primary school.

Miss Anna L. Whitmore was promoted to the position of assistant in the grammar department of the Kelley, and Miss Enola E. Gowen was elected as assistant in the Congress Street School.

The Temple Street Grammar School, which was established to relieve some of the over-crowded rooms in other schools, was discontinued.

One of the rooms of the Purchase Street School building was opened for a primary school and Miss Mary A. Roaf placed in charge.

Other changes are noted under the head of Kelley School.

AGENT'S REPORT.

Free text books and supplies began to be furnished in September, 1884. Those books that have not already been replaced have now been in use over five years. Books for the older children last longer than those for younger pupils. Some of the more expensive books have been rebound, but this will not pay for most of those used in the schools.

The cost of books and supplies is given below, and when it is considered that this includes text-books, paper, pencils, slates, ink, composition books, writing books, erasers, brushes, mats, water-pails, dippers, and many other articles, the expense per scholar is certainly as low as it can be without hampering the schools in their work.

Books and supplies on hand December 1, 1888.....	\$430.73
Purchased from December 1, 1888, to December 1, 1889	884.86
	1315.59
Books and supplies on hand December 1, 1889.....	485.67
Cost of books and supplies for the year.....	829.92
Cost per scholar based upon average membership(1433)	
	58 cts. nearly

CENSUS OF CHILDREN OF SCHOOL AGE.

Ward One.....	369
Ward Two	431
Ward Three.....	395
Ward Four.....	370
Ward Five	452
Ward Six	475
Total.....	2492
Total enrolment in public schools.....	1738
Average membership.....	1433
Average attendance.....	1250
Per cent. of attendance.....	.87
Number in parochial and private schools (estimated).....	800

ALBERT C. TITCOMB, (Mayor) Chairman,
 NATHAN N. WITHINGTON, Vice-Chairman,
 CHARLES H. BLISS,
 STEPHEN PEABODY,
 GEORGE H. PLUMER,
 PRENTISS H. REED,
 ELISHA P. DODGE,
 RUDOLPH JACOBY,
 JOSEPH B. LITTLE,
 MISS H. E. LUNT,
 WILLIAM A. EASTMAN,
 JAMES M. JACKMAN,
 PAUL A. MERRILL,

School
 Committee.

FINANCIAL STATEMENT.

Income.

FROM DECEMBER 1, 1888, TO DECEMBER 1, 1889.

Appropriations.....	\$20,000.00
One year's interest of Brown Fund.....	675.00
State School Fund	79.80
Tuition fees from non-resident pupils.....	147.33
Sale of books	4.62
	\$20,906 15
Overdrawn.....	1671.73
	\$22,577.88

Expenditures.

Salaries of teachers	\$18,673.07
Janitors.....	989 64
Secretary and agent.....	980 00
Books and supplies.....	884.86
Printing Annual Report, advertisements, etc.....	97.20
Census of school children	90.00
Evening school.....	249.00
Sundries.....	84.11
Truant officer for November.....	30.00
Rent of Putnam School.....	500.00
	\$22,577.88

TEACHERS AND SALARIES.

—1889—1890.—

High School.....	{	E. C. Adams, A. M., principal, Salary	
		\$2,200, paid by city.....	\$1,600
		O. B. Merrill, A. M., assistant.....	1,100
		Miss Sara A. Leonard, ".....	650
		Miss Mary T. Spalding, ".....	550
Kelley School.....	{	Miss Emma H. Parker, ".....	650
		L. G. Smith, principal.....	1,000
		Miss Abby Short, 1st assistant.....	400
		Miss Eva J. Smith, 2d ".....	375
		Miss Anna L. Whitmore, 3d assistant.....	375
Training School.....	{	Miss H. A. P. Roth, principal.....	750
		Miss Mary Z. Kingman, assistant... ..	375
Jackman School (boys)....	{	George W. Brown, principal.....	1,000
		Miss Rhoda Tilton, 1st assistant....	400
		Miss Helen M. Currier, 2d ".....	375
		Miss Rebecca W. Perkins, 3d ".....	350
Johnson School (girls)....	{	Miss Anna L. Coffin, principal.....	450
		Miss Emma M. Lander, 1st assistant.....	375
		Miss Frances J. Pearson, 2d ".....	375
		Miss Jennie P. Haskell, 3d ".....	350
Bromfield St. School (girls)	{	Miss Priscilla G. Craig, principal... ..	450
		Miss Susie B. Lowell, 1st assistant.....	375
		Miss Cora B. Lougee, 2d ".....	375
		Miss Abbie L. Frost, 3d ".....	350
Currier Grammar (boys)..	{	Miss Sarah B. Chute, principal.....	750
		Miss Sarah E. Whitmore, assistant.. ..	375
Currier Grammar (girls)..	{	Miss S. D. Toppan, principal.....	450
		Miss Ellen Frothingham, assistant.. ..	375
Moultonville (mixed).....	{	Miss Alice T. Whittier, principal....	400
		Miss Bertha M. Stiles, assistant....	325
Wesley St. (mixed).....	|	Irving H. Johnson, principal.....	400
Temple St. Primary.....	|	Miss Mary E. Estes, principal.....	375
Congress St. Primary.....	{	Miss Susan I. Adams, principal of boys' department.....	375
		Miss Clara J. Edgerly, principal of girls' department.....	375
		Miss Lizzie H. Cheever, assistant... ..	350
		Miss Enola E. Gowen, assistant....	325
Ashland Street Primary (mixed).....	{	Miss Frances L. Pettigrew, principal.....	375
		Miss Flora Pettigrew, assistant.....	350
Purchase St. Prim (mixed)		Miss Mary A. Roaf, principal.....	275



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